AD-780 677

SUPPLEMENTAL GLOBAL CLIMATIC DATA: JULY

C. Schutz, et al

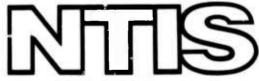
RAND Corporation

Prepared for:

Defense Advanced Research Projects Agency

March 1974

DISTRIBUTED BY:



National Technical Information Service
U. S. DEPARTMENT OF COMMERCE
5285 Port Royal Road, Springfield Va. 22151

DOCUMENT CONTROL DATA

AP780677

I. ORIGINATING ACTIVITY		5	20. REPORT SECURITY CLASSIFICATION UNCLASSIFITED
	The Rand Corporation		2b. GROUP

- 3. REPORT TITLE SUPPLEMENTAL GLOBAL CLIMATIC DATA: JULY
- 4. AUTHOR(S) (Last name, first name, initial)

Schutz, C. and W. L. Gates

5. REPORT DATE March 1974	60. TOTAL NO. OF PAGES	66. NO. OF REES.
7. CONTRACT OR GRANT NO.	8. ORIGINATOR'S REPORT NO.	
DAHC15 73 C 0181	R-1029/1-ARPA	

90. AVAILABILITY/LIMITATION NOTICES

Approved for Public Release Distribution Unlimited

10. ABSTRACT

In this supplement to R-1029, the hemispheric distributions of sea-surface temperature, total cloud cover, planetary albedo, and outgoing longwave radiation for July are extended from hemispheric to global scope. All data are presented on a global grid of four degrees latitude and five degrees longitude. They are given both in tabulations and in the form of machine-drawn maps. The corresponding zonal and global averages are also given. These data are being used as a guide for evaluating climate simulations based on the Rand version of the Mintz-Arakawa general circulation model.

96. SPONSORING AGENCY

Defense Advanced Research
Projects Agency

11. KEY WORDS

CLIMATE

NATIONAL TECHNICAL
INFORMATION SERVICE
U.S. Department of Commerce
Springfield VA 22151

ARPA ORDER NO.: 189-1 3P10 Distributed Information Systems

R-1029/1-ARPA March 1974

Supplemental Global Climatic Data: July

C. Schutz and W. L. Gates

A Report prepared for

DEFENSE ADVANCED RESEARCH PROJECTS AGENCY



PREFACE

An important part of the Rand/ARPA research program on the dynamics of climate is the evaluation of the accuracy of simulations of the global climate given by numerical solutions of models of the general atmospheric circulation. To perform this evaluation systematically requires a knowledge of the global distributions of the primary climatic variables of pressure, temperature, humidity, wind, and precipitation, together with the associated distributions of global radiation elements and hydrologic balances. Such data are not readily available, and even those that are obtainable are usually in a variety of forms and not immediately comparable to other climatic data.

The data presented in this report follow the pattern of previous reports (Schutz and Gates, 1971, 1972a, 1972b, and 1973c). In this July supplement, the global distribution of sea-surface temperature, total cloud-cover, planetary albedo, and outgoing longwave radiation data have been updated or added. Using the latest available data is in keeping with our objective of gathering in one place and in one format the most representative global climatologies of selected seasonal meteorological variables. Similar supplementary data for January are also in preparation (Schutz and Gates 1973). Except for the southern hemisphere cloud-cover, which was available only for January and July, these data have already been included in the publications for April and October (Schutz and Gates, 1973b, 1974).

Preceding page blank

SUMMARY

These supplemental global distributions of sea-surface temperature total cloud-cover, planetary albedo, and outgoing longwave radiation for July are presented as an update or addition to July data previously published (Schutz and Gates, 1972b). All data are presented on a global grid of 4° latitude and 5° longitude, both in the form of tabulated values and machine-analyzed maps. The corresponding zonal and global averages are also given. These data are being used at Rand as a guide for evaluating climate simulations based on the Rand version of the Mintz-Arakawa general circulation model.

Preceding page blank

ACKNOWLEDGMENTS

Sincere appreciation is extended to several Rand colleagues for their valuable assistance: R. C. Alexander for his efforts in developing the data on sea-surface temperature and ice limits at high latitudes; L. D. Bregman for completing the arduous task of extracting the basic grid-point data from the varied global climatic charts; and R. L. Mobley and A. B. Nelson for reducing these data to the desired format and supervising the machine tabulations.

Preceding page blank

CONTENTS

PREFAC	E	iii
SUMMAR	ΥΥ	v
ACKNOW	LEDGMENTS	vii
Sectio	on INTRODUCTION	1
	DATA SELECTION AND PROCESSING	
III.	GLOBAL CLIMATIC ANALYSES	7
IV.	ZONALLY AVERAGED DATA	13
v.	GLOBAL DATA TABULATIONS	19
DECEDE	NCEC	27

I. INTRODUCTION

The supplementary July data presented here for the sea-surface temperature, the conventionally observed mean total cloud cover over the southern Lemisphere, the planetary albedo, and the outgoing long-wave radiation, represent refinements and additions to data presented in Schutz and Gates (1972b). They are the results of a continuing effort to use the best climatologies available in evaluating climate simulation experiments based on numerical general circulation models, the Mintz-Arakawa model in particular. The new July data appearing in this report are listed in Table 1.1.

Section III discusses the selection and the processing of the data. Section III presents a global analysis of each variable selected. The corresponding distribution of the zonal averages and the global average value are given in Section IV, and Section V gives tabulations of the associated grid-point data. The asterisk (*) in the grid-point data tabulations (Section V) denotes missing data. These regions correspond to the blank or "no data" areas on the analyzed maps and zonal averages of Sections III and IV. In the sea-surface temperature data in Sections III and V, the letter "I" marks the locations of sea ice.

ध्य

Table 1.1

IDENTIFICATION OF SELECTED CLIMATIC VARIABLES--JULY

Data (or) Variable	Unit	Source	Max Record Period	Pages
Temperature (sea-surface) Cloudiness	Deg. C Tenths	Alexander & Mobley Environmental Technical	Various	9, 15, 21
(global)		Applications Center (1971)	1963-1968	
Albedo (planetary)	Fractions	Van 1972) Vonder Haar (1972)	1963-1966 and 1969	10, 10, 23
Outgoing Longwave Radiation	10 ² ly day ⁻¹	Vonder Haar (1972)	1963-1966 and 1969	63-1966 12, 18, 33

^aThe numbers in each of these columns are the page numbers (in this report) of the global map analyses, the zonally averaged data, and the global data tabulations respectively.

II. DATA SELECTION AND PROCESSING

This section briefly describes the processing or manipulation of each primary source of the mean data listed in Table 1.1. After a careful review of all known sources of pertinent data, we selected the sources used here as representing the best collection of "global" data presently available, best, at least, for the purpose of comparison with the model's global simulations. The observational content, the special processing, and the limitations of these data (including various record lengths) are discussed further in the data publications themselves. Although the present discussion refers primarily to the data of Figs. 3.1 through 3.4, it also applies to the corresponding zonally averaged data of Figs. 4.1 through 4.4, as well as to the supporting grid-point data presented in Tables 5.1 through 5.4.

SEA-SURFACE TEMPERATURE

Figure 3.1 shows the global distribution of average July seasurface temperatures. The distribution is a composite prepared by Alexander and Mobley from the July normals obtained from the National Center for Atmospheric Research (Washington and Thiel, 1970) and from the Fleet Numerical Weather Central in Monterey (northern hemisphere only). The grid elements containing more than 50 percent of sea ice are denoted by "I" in Fig. 3.1. This convention introduces a bias toward more severe ice conditions. (For example, if only 60 percent of a given area is ice-covered and if the concentration is 60-percent, then only 36 percent of the total area is covered by ice.) This practice may partly compensate for the usual bias in the observations toward calm, warm weather and ice-free conditions when the observing ships operate. These data on the 4°-latitude, 5°-longitude grid were taken from the appropriate points (without smoothing) of the global 1° tabulation being prepared by Alexander and Mobley. These authors also give details on interpolation, merging of data sets, and treatment of ice limits.

^{*&}quot;Updated Global Monthly Mean Ocean Surface Temperatures," unpublished report.

CLOUDINESS

The distribution of total cloud cover shown in Figure 3.2 was developed for the northern hemisphere separately from the southern hemisphere. The northern portion appeared in the original July report (Schutz and Gates 1972b); it was constructed from the digitized representation of both satellite and conventional observations compiled by the Global Weather Central (GWC) for the Environmental Technical Applications Center (1971). These data were collected at 0000Z and 1200Z and were compiled for this presentation in terms of the total cloud cover, C, from the formula

$$C = \sum_{N=0}^{8} \frac{C_{00,N} + C_{12,N}}{2} \frac{N}{8},$$

where $\rm C_{00,N}$ and $\rm C_{12,N}$ are the percentages of the OOZ and 12Z observations that have N-eighths cloud cover. These digitized cloud data appear on the GWC grid. This is a square grid with octagonal boundaries superimposed on a polar stereographic projection, with a southern boundary at approximately 15°N. Equations from Murray (1962) were used to transform the latitude and longitude of each of the 46 x 72 points of the present grid to the coordinates in the GWC grid, followed by a bilinear interpolation using the four nearest GWC grid values.

Since the northern-hemisphere data of Figure 3.2 contain all modern cloud observations, during both day and night hours, they are considered the best available representation of northern-hemisphere total cloud cover. To obtain global coverage, however, the climatological composite of total cloudiness for the southern hemisphere in July from van Loon, et al (1972) was added. It is a subjective fusion of the total cloudiness as discussed by Brooks (1927), Landsberg (1945), Vowinckel and van Loon (1957), Clapp (1964), and Sadler (1969). It is shown in the marine climatological atlases of Germany, the Netherlands, United Kingdom, and the United States. Since it shows many of the better known features of the total cloud cover, such as the zones

of high mean cloudiness over the eastern parts of the oceans in the tropics, it is assumed to be a reasonably good picture of the total cloudiness.

PLANETARY ALBEDO

The June-July-August mean planetary (world) albedo values shown in Figure 3.3 were summarized from satellite data of the periods including June-July-August 1963, July 1964, June-July-August 1965, July 1966, and July 16-31, 1969. These data, the most up-to-date available, were reduced at Colorado State University into seasonal global maps as discussed by Vonder Haar (1972). They were transcribed directly onto the 4° by 5° grid for this report.

OUTGOING LONGWAVE RADIATION

The June-July-August outgoing longwave radiation data shown in Fig. 3.4 were also interpolated directly onto the 4° by 5° grid from the data of Vonder Haar (1972). These measurements cover the same periods as do the planetary albedo data.

7

III. GLOBAL CLIMATIC ANALYSES

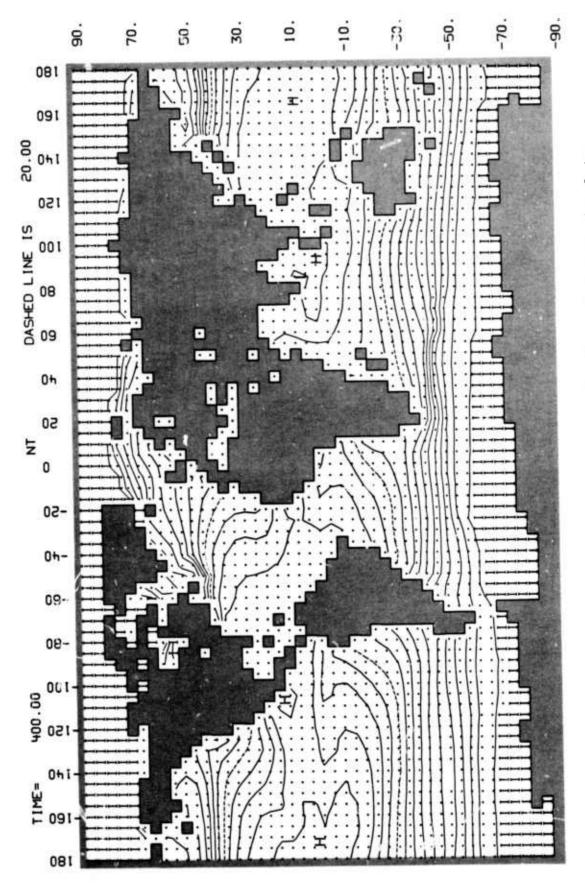


Fig. 3.1 — July mean sea-surface temperature in deg. C. The analysis interval is 2 dey. and the 20 deg. C isotherm is dashed. "I" denotes grid elements with sea ice. Interpolated from a composite of normals formed in Alexander and Mobley (1973)

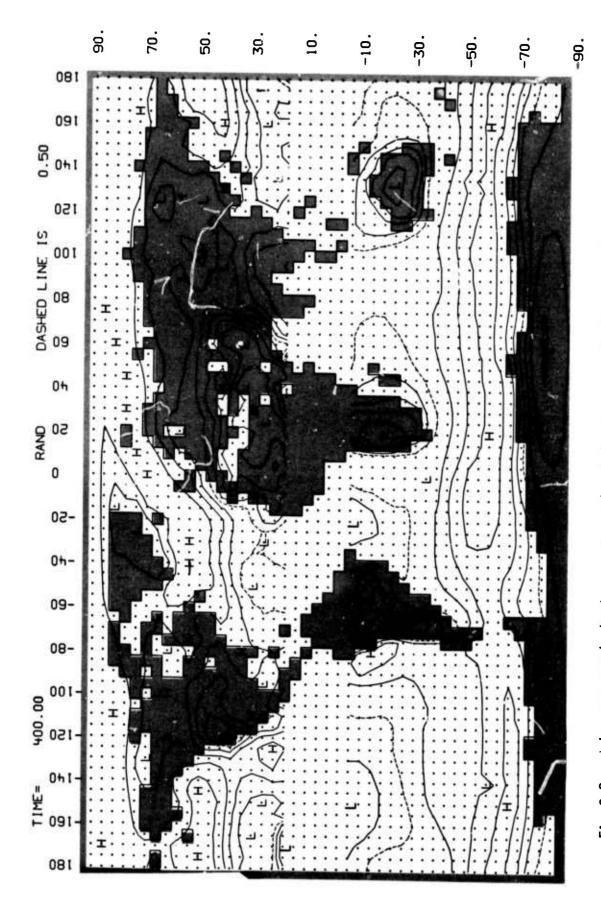


Fig. 3.2 — July mean total cloud cover in tenths of the sky covered. The analysis interval is 0.1, and the 0.5 isoline is dashed. Prepared with data from the Environmental Technical Applications Center (1971) (northern hemisphere) and from Van Loon, et al (1972) (southern hemisphere)

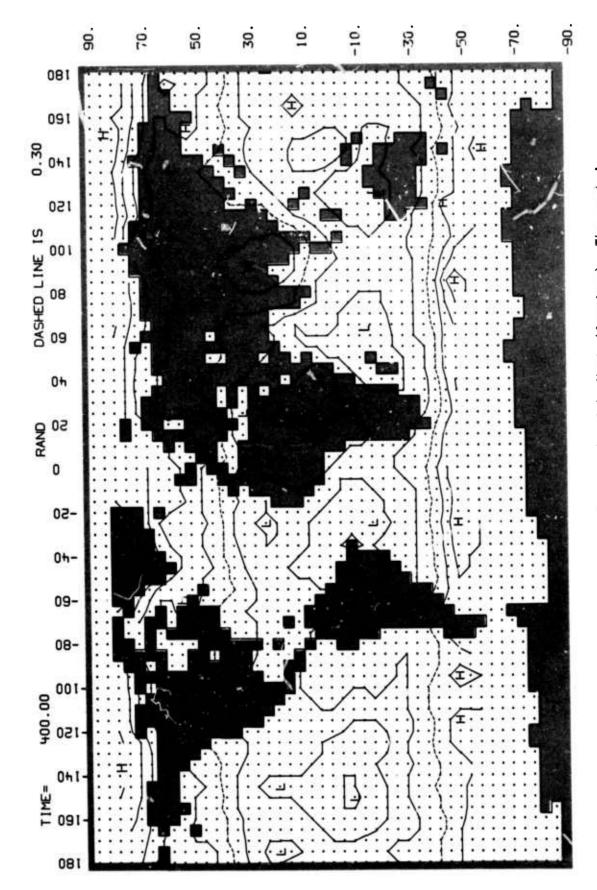


Fig. 3.3 — June–July–August mean planetary (world) albedo (fractions). The analysis interval is 0.05, and the 0.3 isolice is dashed. Data are from Vonder Haar (1972)

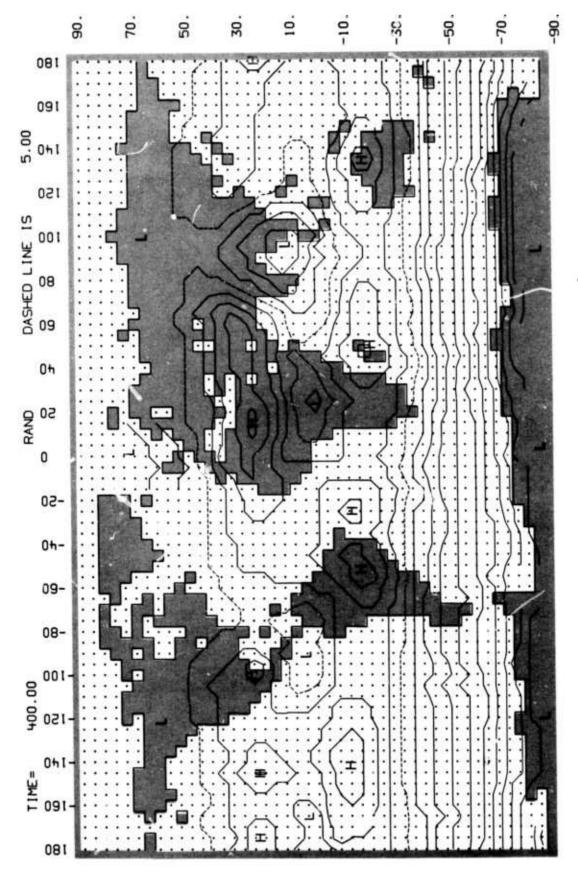


Fig. 3.4 — June–July–August mean outgoing longwave radiation, in $10^2\,$ ly/day. The analysis interval is 25 ly/day, and the 500 ly/day is dashed. Data are from Vonder Haar (1972)

IV. ZONALLY AVERAGED DATA

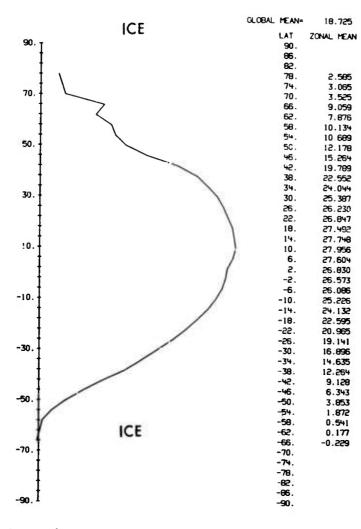


Fig. 4.1 — July zonally averaged mean sea-surface temperature in deg. C, as found from the data of Fig. 3.1

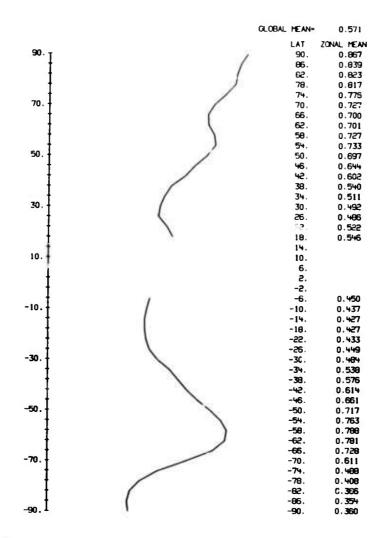


Fig. 4.2 — July zonally averaged mean total cloud cover in tenths of sky covered, as found from the data of Fig. 3.2

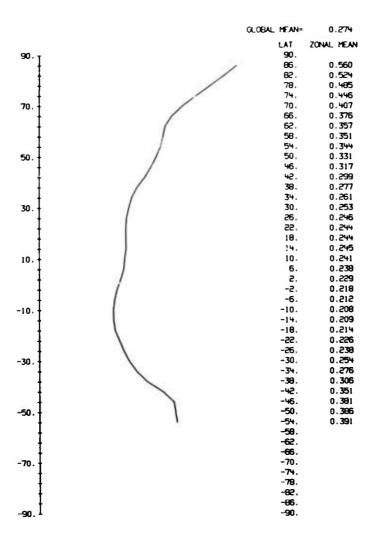


Fig. 4.3 — June-July-August zonally averaged mean planetary albedo, in fractions, as found from the data of Fig. 3.3

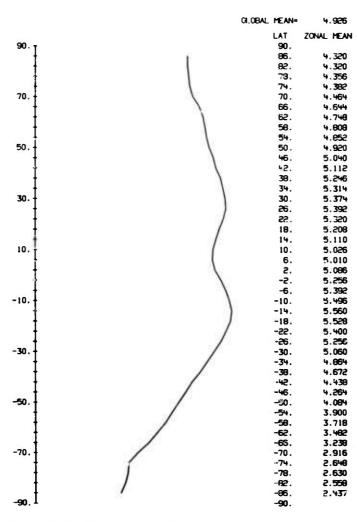


Fig. 4.4 — June-July-August zonally averaged mean outgoing longwave radiation, in 10^2 ly/day, as found from the data of Fig. 3.4

V. GLOBAL DATA TABULATIONS

Preceding	page	blank
-----------	------	-------

1.00 1.55 1.00 1.56 1.50 1.55 1.50 1.55 1.50	1. 1. 1. 1. 1. 1. 1. 1.	1	16.94 115.94 15.06 14.55 14.04 13.94 13.04 12.94 11.04 11.04 11.09 10.04 10.04 11.
1,	1.	1	3.2
1.0 1.0	1.00	1	3.22 1 1 1 1 1 1 1 1 1
7.6 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	1.	1	3.2 1 1 1 1 1 1 1 1 1
1.	1.	1	9.5 10.4
1. 1. 1. 1. 1. 1. 1. 1.	1.	1	9.3 10.4 10.7 10.8 10.9 10.4 10.9 10.7 10.8 10.9 10.9 10.4 10.9 10.9 10.9 10.9 10.9 10.9 10.9 10.9
1	1	1	10.2 10.4 10.9 11.4 12.2 12.8 12.9 11.9 11.9 11.9 11.9 11.9 11.9 11.9
1	1.	1	1.2. 1 1 1 1 1 1 1 1 1
1.0 1.0	1.0 1.0	1. 0.7 0.2 3.200000000000000000000000000000000	10.2 10.8 10.9 11.4 12.1 12.8 13.7 14.2 ************************************
1,	1,	1. -0.7 -0.2 3.2	9.5 10.4 to 10.9 11.7 12.2 (2.4 to 10.9 1.9 to 10.9 1.
1.5 1.6 1.6 1.6 1.6 1.6 1.7 1.2	1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.7 1.2	7.2 7.0 7.8 9.3 10.4 10.9 10.7 11.3 12.3 12.9 12.9 17.9 17.5 17.8 9.3 10.4 10.9 10.7 11.3 12.3 12.9 12.9 11.9 15.6 15.9 11.9 11.0 11.0 11.0 11.0 11.0 11.0 11	10.2 10.4 10.9 11.7 12.2 (7.10) 11.5 15.9 14.2 1.5
7.2 7.0 1.6 9.5 10.0 10.7 11.7 12.2 12.8 12.9 12.9 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	1, 1	7.6 7.8 8.1 9.5 10.4 10.9 11.4 12.1 12.8 13.7 14.2 16.2 12.9 12.9 10.0 10.7 11.5 12.3 12.9 12.9 10.0 17.9 17.5 11.5 12.9 12.9 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0	9.5 10.4
7.6 7.7 7.8 1.8 1.8 1.0.2 10.2 10.2 10.2 11.7 11.2 12.3 12.9 11.2 11.2 11.2 11.2 11.2 11.2 11.2	7.6 7.7 7.8 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1	7.2 7.0 7.0 8.1 9.3 10.4 10.0 10.7 11.3 12.3 12.9 12.9 12.9 7.6 7.6 8.1 8.1 8.1 8.1 9.3 10.4 10.0 10.7 11.3 12.3 12.9 12.9 12.9 12.9 12.9 12.9 12.9 12.9	10.2 10.4 11.7 11.2 (2.1) (2.1) (2.1) (2.1) (2.1) (2.1) (2.1) (2.1) (2.2) (2.
1.5 1.6 1.6 1.6 1.6 1.7 1.1 1.2 1.5	1.5 1.6 1.6 1.0 1.0 1.0 1.1 1.2	7.6 7.8 8.1 9.5 10.4 11.7 12.7 12.3 12.9 13.0 11.4 12.1 12.3 12.9 13.0 13.	9.5 10.4 ************************************
1. 1. 1. 1. 1. 1. 1. 1.	1. 1. 1. 1. 1. 1. 1. 1.	9.3 9.6 9.8 10.0 10.1 11.3 12.3 12.9 17.7 12.6 9.8 10.2 10.8 10.9 11.4 12.1 12.8 15.9 17.7 12.0 13.0 13.2 13.4 13.6 13.7 14.2 15.9	10.2 10.4 10.9 11.4 12.1 12.8 13.7 14.2 14.3 14.4
1.7 1.6 1.7 1.8 1.0	1.2 1.2 1.2 1.2 1.2 1.2 1.4 1.2 1.5 1.4 1.5 1.4 1.5 1.5 1.4 1.5	17.9 9.6 9.8 10.2 10.8 10.9 11.4 12.1 12.8 13.7 13.6 14.9 14.9 14.9 15.6 15.6 15.6 15.9 17.9 13.2 13.2 13.6 14.9 14.3 14.9 18.6 15.6 15.9 17.9 13.2 21.4 21.0 20.5 19.9 17.9 18.2 21.4 21.0 20.5 19.9 17.9 18.2 21.2 21.0 20.0 19.9 17.9 11.2 21.0 20.0 20.0 20.0 20.0 20.0 2	13.0 13.2 13.4 14.0 14.3 14.9 15.6 15.9 14.2 14.2 14.0 14.3 14.9 15.6 15.9 14.2 14.0 14.3 14.9 15.6 15.9 14.2 14.0 14.3 14.9 15.6 15.9 14.2 14.0 14.3 14.9 15.6 15.9 14.2 14.0 14.3 14.9 15.6 15.9 14.2 14.0 14.3 14.9 15.6 15.9 14.2 15.0 14.0 14.3 14.9 15.6 15.0 15.0 17.5 15.0 15.0 15.0 17.5 15.0 15.0 15.0 17.5 15.0 15.0 15.0 17.5 15.0
1.5 1.5	9.5 9.6 9.6 10.2 10.2 11.4 14.2 15.4 14.2 15.4 14.2 15.4 14.2 15.4 14.2 15.4 14.2 15.4 11.5 15.4 14.2 15.4 11.5 15.4 15.4 15.2 11	1.7.7 12.9 13.0 13.0 11.4 12.1 12.8 13.7 13.6 15.7 13.6 15.7 13.0 13.0 13.8 14.0 14.0 14.2 17.9 13.6 15.7 13.9 13.2 13.8 14.0 14.2 14.9 17.5 13.0 13.0 13.8 14.0 14.2 17.9 13.5 13.9 13.2 13.8 14.0 14.2 17.9 13.5 13.9 13.5 13.8 14.0 13.5 13.6 13.0	10.2 10.8 10.9 11.4 12.1 12.8 13.7 14.2
17.5 18.0 17.0 18.0	17. 12.0 17.0 17.0 17.2 1	17.9 18.0 19.0	13.2 13.4 14.0 14.1 14.2 15.6 15.9 14.2 ************************************
			18.2 18.3 18.4 18.2 18.2 17.9 17.5 16.5 18.6 18.6 18.6 18.6 18.6 18.7 18.7 18.9 17.5 16.5 18.6 18.8 18.4 18.2 18.2 18.2 18.2 18.2 18.2 18.2 18.2
	17.5 18.0 17.5 18.2 18.1 18.2 18.2 17.5 18.5 17.5 18.5	1.9 18.0 17.9 18.2 18.4 18.2 18.2 17.9 17.5 18.4 18.2 18.5 17.9 17.5 18.5 18.4 18.5 18.5 17.9 17.5 18.5 21.0 21.5 21.4 21.0 20.5 19.7 18.9 17.5 21.0 21.4 21.5 22.5 21.8 21.0 20.0 19.5 21.4 21.5 21.6 21.0 20.0 19.5 21.5 21.1 20.0 21.2 21.1 20.0 21.2 21.2 21.2 21.2 21.2 21.2 21.3 2	18.2 18.4 18.2 18.2 17.9 17.5 16.5 13.9 18.9 17.5 16.5 13.9 18.9 17.5 16.5 13.9 18.9 17.5 16.5 19.7 19.5 19.2 19.5 19.5 19.5 19.5 19.5 <td< td=""></td<>
25. 22.0 21.9 21.7 21.5 21.4 21.0 20.5 19.7 18.9 17.5 15.6 18.9 17.5 15.6 19.7 18.9 17.5 15.6 19.7 18.9 17.5 15.6 19.7 18.9 17.5 15.6 21.1 22.1 22.1 22.1 22.1 22.1 22.1 22	2.5 2.6 2.7 2.6 2.6 2.6 1.7 1.6 1.6 1.6 1.7 1.6 <td>26.5 26.0 27.7 21.5 21.4 21.0 20.5 19.7 18.9 11.2 22.6 22.6 21.9 21.1 20.0 23.8 23.3 22.5 22.6 21.0 20.0 19.7 18.9 11.2 22.6 22.7 22.6 22.6 22.7 22.6 22.6 22.7 22.6 22.7 22.6 22.7 22.6 22.7 22.7 22.6 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 <td< td=""><td>25.4 25.1 24.4 23.6 22.6 21.9 21.1 20.4 19.7 19.3 ************************************</td></td<></td>	26.5 26.0 27.7 21.5 21.4 21.0 20.5 19.7 18.9 11.2 22.6 22.6 21.9 21.1 20.0 23.8 23.3 22.5 22.6 21.0 20.0 19.7 18.9 11.2 22.6 22.7 22.6 22.6 22.7 22.6 22.6 22.7 22.6 22.7 22.6 22.7 22.6 22.7 22.7 22.6 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7 <td< td=""><td>25.4 25.1 24.4 23.6 22.6 21.9 21.1 20.4 19.7 19.3 ************************************</td></td<>	25.4 25.1 24.4 23.6 22.6 21.9 21.1 20.4 19.7 19.3 ************************************
26.0 24.1 24.2 <th< td=""><td>26.5 26.0 25.7 25.4 25.4 25.5 21.6 21.0 20.0 19.0 19.2 22.2 21.1 20.4 22.4 22.5 21.6 21.1 20.4 22.6 22.5 22.6 22.7 22.7 22.7 22.8 22.8 22.6 22.8 22.6 22.8 22.6 22.8 22.7 22.8 <th< td=""><td>26.6 24.7 24.6 23.8 23.3 22.5 21.6 21.0 20.0 119. 26.8 24.6 24.6 24.6 23.6 22.6 21.9 21.1 20.0 27.1 25.2 24.4 23.6 21.9 21.1 20.0 27.2 27.2 24.4 23.6 22.6 22.7 22.2 22.2 24.4 23.6 22.6 22.7 22</td><td>25.4 25.1 27.6 21.0 17.0 19.0 17.0 18.3************************************</td></th<></td></th<>	26.5 26.0 25.7 25.4 25.4 25.5 21.6 21.0 20.0 19.0 19.2 22.2 21.1 20.4 22.4 22.5 21.6 21.1 20.4 22.6 22.5 22.6 22.7 22.7 22.7 22.8 22.8 22.6 22.8 22.6 22.8 22.6 22.8 22.7 22.8 <th< td=""><td>26.6 24.7 24.6 23.8 23.3 22.5 21.6 21.0 20.0 119. 26.8 24.6 24.6 24.6 23.6 22.6 21.9 21.1 20.0 27.1 25.2 24.4 23.6 21.9 21.1 20.0 27.2 27.2 24.4 23.6 22.6 22.7 22.2 22.2 24.4 23.6 22.6 22.7 22</td><td>25.4 25.1 27.6 21.0 17.0 19.0 17.0 18.3************************************</td></th<>	26.6 24.7 24.6 23.8 23.3 22.5 21.6 21.0 20.0 119. 26.8 24.6 24.6 24.6 23.6 22.6 21.9 21.1 20.0 27.1 25.2 24.4 23.6 21.9 21.1 20.0 27.2 27.2 24.4 23.6 22.6 22.7 22.2 22.2 24.4 23.6 22.6 22.7 22	25.4 25.1 27.6 21.0 17.0 19.0 17.0 18.3************************************
2.5 2.6 2.7 2.6 2.7 1.7 19.3 2.6 2.7 <td>26. 25.<td>26.5 26.0 25.7 25.4 25.5 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.7 27.6 27.7 27.6 27.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7 <td< td=""><td>25.4 25.1 24.4 23.6 22.6 21.9 21.1 20.4 19.7 19.3************************************</td></td<></td></td>	26. 25. <td>26.5 26.0 25.7 25.4 25.5 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.7 27.6 27.7 27.6 27.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7 <td< td=""><td>25.4 25.1 24.4 23.6 22.6 21.9 21.1 20.4 19.7 19.3************************************</td></td<></td>	26.5 26.0 25.7 25.4 25.5 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.7 27.6 27.7 27.6 27.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7 <td< td=""><td>25.4 25.1 24.4 23.6 22.6 21.9 21.1 20.4 19.7 19.3************************************</td></td<>	25.4 25.1 24.4 23.6 22.6 21.9 21.1 20.4 19.7 19.3************************************
26.5 26.0 25.7 25.4 25.4 25.4 25.4 25.4 25.4 25.4 25.4 25.4 25.4 25.4 25.4 25.4 25.5 25.2 25.2 25.5 <th< td=""><td>28.0 25.7 25.4 25.1 24.5 25.6 25.1 24.5 25.6 25.7 25.6 25.7 25.6 25.7 25.6 25.7 25.6 25.7 25.6 25.7 25.6 25.7 25.6 25.7 <th< td=""><td>26.5 26.0 25.7 25.4 25.6 25.7 25.6 25.6 25.6 25.6 25.7 25.6 <td< td=""><td>25.4 25.1 24.4 23.6 22.6 21.9 21.1 20.4 19.7 19.30************************************</td></td<></td></th<></td></th<>	28.0 25.7 25.4 25.1 24.5 25.6 25.1 24.5 25.6 25.7 25.6 25.7 25.6 25.7 25.6 25.7 25.6 25.7 25.6 25.7 25.6 25.7 25.6 25.7 <th< td=""><td>26.5 26.0 25.7 25.4 25.6 25.7 25.6 25.6 25.6 25.6 25.7 25.6 <td< td=""><td>25.4 25.1 24.4 23.6 22.6 21.9 21.1 20.4 19.7 19.30************************************</td></td<></td></th<>	26.5 26.0 25.7 25.4 25.6 25.7 25.6 25.6 25.6 25.6 25.7 25.6 <td< td=""><td>25.4 25.1 24.4 23.6 22.6 21.9 21.1 20.4 19.7 19.30************************************</td></td<>	25.4 25.1 24.4 23.6 22.6 21.9 21.1 20.4 19.7 19.30************************************
26.5 26.0 25.1 25.4 25.0 25.7 25.6 25.7 <th< td=""><td>26. 26.0</td><td>26.5 26.0 25.7 25.4 25.1 25.2 24.4 25.5 22.2 21.2 21.2 28.0 27.2 24.5 25.5 25.5 25.5 25.2 28.0 28.1 28.3 28.2 27.2 27.2 25.5 25.5 25.5 25.5 25.5 25</td><td>25.4 25.1 25.4 25.5 24.6 25.5 21.5 21.7 22.3 22.6***********************************</td></th<>	26. 26.0	26.5 26.0 25.7 25.4 25.1 25.2 24.4 25.5 22.2 21.2 21.2 28.0 27.2 24.5 25.5 25.5 25.5 25.2 28.0 28.1 28.3 28.2 27.2 27.2 25.5 25.5 25.5 25.5 25.5 25	25.4 25.1 25.4 25.5 24.6 25.5 21.5 21.7 22.3 22.6***********************************
28.7 27.1 26.8 26.7 26.0 25.4 25.7 25.9 27.5 25.1 25.8 25.2 25.8 27.8 27.8 27.8 27.8 27.8 27.8 27.8 27	28.7 27.1 26.8 26.4 26.0 25.2 24.4 23.5 24.0 25.5 23.6 23.6 27.6 21.7 27.8 27.5 27.5 27.9 27.5 27.5 27.9 27.5 27.9 27.2 26.5 27.9 27.7 27.9 27.2 26.5 27.9 27.7 27.9 27.2 26.5 27.9 27.7 27.9 27.2 26.5 27.9 27.7 27.9 27.2 26.5 27.9 27.7 27.9 27.2 26.2 26.8 27.9 27.2 27.9 27.9 27.9 27.9 27.9 27.9	28.9 28.4 25.5 25.5 25.7 27.6 27.7 <td< td=""><td>26.4 26.0 25.2 24.4 23.5 24.8 24.8 24.8 25.6 27.4 eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee</td></td<>	26.4 26.0 25.2 24.4 23.5 24.8 24.8 24.8 25.6 27.4 eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
28.9 28.4 27.5 28.5 25.5 <th< td=""><td>28.9 <th< td=""><td>28.0 27.2 27.5 <td< td=""><td>27.0 26.5 25.4 25.9 24.5 25.9 25.0 25.9 25.0 27.0 <td< td=""></td<></td></td<></td></th<></td></th<>	28.9 28.9 <th< td=""><td>28.0 27.2 27.5 <td< td=""><td>27.0 26.5 25.4 25.9 24.5 25.9 25.0 25.9 25.0 27.0 <td< td=""></td<></td></td<></td></th<>	28.0 27.2 27.5 <td< td=""><td>27.0 26.5 25.4 25.9 24.5 25.9 25.0 25.9 25.0 27.0 <td< td=""></td<></td></td<>	27.0 26.5 25.4 25.9 24.5 25.9 25.0 25.9 25.0 27.0 <td< td=""></td<>
28.9 28.6 27.9 <td< td=""><td>28.9 28.2 27.9 27.9 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.6 27.6 27.6 27.7 <th< td=""><td>28.3 28.2 27.9 27.2 26.5 25.7 25.9 25.7 25.9 25.7 25.9 25.7 25.9 25.7 25.9 25.7 25.9 25.9 25.9 25.9 27.0 <td< td=""><td>27.2 26.5 25.7 25.6 26.2 26.8 27.0 27.2 26.9 26.9 26.9 26.9 26.9 26.9 26.9 27.0 27.7 27.7 27.7 27.6 27.6 27.6 27.6 27.6 27.7 27.7 27.6 27.1 27.0 27.6 27.7 27.1 27.0 26.9 26.5 25.9 25.7 25.9 25.7 25.7 25.7 25.7 25.7 <td< td=""></td<></td></td<></td></th<></td></td<>	28.9 28.2 27.9 27.9 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.6 27.6 27.6 27.7 <th< td=""><td>28.3 28.2 27.9 27.2 26.5 25.7 25.9 25.7 25.9 25.7 25.9 25.7 25.9 25.7 25.9 25.7 25.9 25.9 25.9 25.9 27.0 <td< td=""><td>27.2 26.5 25.7 25.6 26.2 26.8 27.0 27.2 26.9 26.9 26.9 26.9 26.9 26.9 26.9 27.0 27.7 27.7 27.7 27.6 27.6 27.6 27.6 27.6 27.7 27.7 27.6 27.1 27.0 27.6 27.7 27.1 27.0 26.9 26.5 25.9 25.7 25.9 25.7 25.7 25.7 25.7 25.7 <td< td=""></td<></td></td<></td></th<>	28.3 28.2 27.9 27.2 26.5 25.7 25.9 25.7 25.9 25.7 25.9 25.7 25.9 25.7 25.9 25.7 25.9 25.9 25.9 25.9 27.0 <td< td=""><td>27.2 26.5 25.7 25.6 26.2 26.8 27.0 27.2 26.9 26.9 26.9 26.9 26.9 26.9 26.9 27.0 27.7 27.7 27.7 27.6 27.6 27.6 27.6 27.6 27.7 27.7 27.6 27.1 27.0 27.6 27.7 27.1 27.0 26.9 26.5 25.9 25.7 25.9 25.7 25.7 25.7 25.7 25.7 <td< td=""></td<></td></td<>	27.2 26.5 25.7 25.6 26.2 26.8 27.0 27.2 26.9 26.9 26.9 26.9 26.9 26.9 26.9 27.0 27.7 27.7 27.7 27.6 27.6 27.6 27.6 27.6 27.7 27.7 27.6 27.1 27.0 27.6 27.7 27.1 27.0 26.9 26.5 25.9 25.7 25.9 25.7 25.7 25.7 25.7 25.7 <td< td=""></td<>
26.9 28.9 <th< td=""><td>28.9 <th< td=""><td>28.4 28.4 27.8 27.4 27.2 27.2 27.0 26.9 27.0 27.0 27.0 27.0 27.0 29.1 28.8 28.4 28.2 28.1 28.1 27.8 27.3 27.1 26.9 26.2 29.1 28.8 28.4 28.2 28.1 28.1 27.8 27.3 27.1 26.9 26.2 29.1 28.8 28.4 28.5 28.2 28.1 28.1 28.0 27.4 27.3 27.1 26.9 26.2 29.3 28.7 28.5 28.2 28.1 28.0 27.6 27.1 26.5 25.8 25.2 28.3 28.4 28.5 28.5 28.0 27.8 27.6 27.1 26.5 25.8 25.3 27.6 28.7 28.5 28.2 28.1 28.0 27.6 27.1 27.1 26.5 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.8</td><td>28.0 28.0 28.1 27.2 27.2 27.0 26.9 27.0 27.2 27.7 27.4 27.4 27.4 27.4 27.4 27.4</td></th<></td></th<>	28.9 28.9 <th< td=""><td>28.4 28.4 27.8 27.4 27.2 27.2 27.0 26.9 27.0 27.0 27.0 27.0 27.0 29.1 28.8 28.4 28.2 28.1 28.1 27.8 27.3 27.1 26.9 26.2 29.1 28.8 28.4 28.2 28.1 28.1 27.8 27.3 27.1 26.9 26.2 29.1 28.8 28.4 28.5 28.2 28.1 28.1 28.0 27.4 27.3 27.1 26.9 26.2 29.3 28.7 28.5 28.2 28.1 28.0 27.6 27.1 26.5 25.8 25.2 28.3 28.4 28.5 28.5 28.0 27.8 27.6 27.1 26.5 25.8 25.3 27.6 28.7 28.5 28.2 28.1 28.0 27.6 27.1 27.1 26.5 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.8</td><td>28.0 28.0 28.1 27.2 27.2 27.0 26.9 27.0 27.2 27.7 27.4 27.4 27.4 27.4 27.4 27.4</td></th<>	28.4 28.4 27.8 27.4 27.2 27.2 27.0 26.9 27.0 27.0 27.0 27.0 27.0 29.1 28.8 28.4 28.2 28.1 28.1 27.8 27.3 27.1 26.9 26.2 29.1 28.8 28.4 28.2 28.1 28.1 27.8 27.3 27.1 26.9 26.2 29.1 28.8 28.4 28.5 28.2 28.1 28.1 28.0 27.4 27.3 27.1 26.9 26.2 29.3 28.7 28.5 28.2 28.1 28.0 27.6 27.1 26.5 25.8 25.2 28.3 28.4 28.5 28.5 28.0 27.8 27.6 27.1 26.5 25.8 25.3 27.6 28.7 28.5 28.2 28.1 28.0 27.6 27.1 27.1 26.5 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.2 25.8 25.8	28.0 28.0 28.1 27.2 27.2 27.0 26.9 27.0 27.2 27.7 27.4 27.4 27.4 27.4 27.4 27.4
28.9 28.9 28.9 28.0 28.0 28.0 28.0 27.9 27.9 27.8 27.8 27.8 27.7 27.4 27.4 27.4 27.4 27.4 27.4 27.4	28.9 28.9 28.4 28.0 28.1 27.5 27.3 27.1 26.9 26.8 26.3 26.3 26.3 26.3 26.3 26.4 26.5 26.4 26.5 26.4 26.2 26.4 26.5 26.5 26.4 26.5 26.4 26.5 26.5 26.4 26.5 26.5 26.4 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5	28.4 28.4 28.5 28.0 28.0 28.1 27.9 27.9 27.9 27.8 27.8 27.8 27.8 27.9 27.9 27.9 27.8 27.8 27.8 27.8 27.8 27.8 27.8 27.8	28.0 28.0 28.1 27.9 27.9 27.8 27.8 27.8 27.8 27.7 27.4 27.4 27.4 27.6 27.4 28.2 28.1 28.1 27.9 27.3 27.1 26.9 26.8 26.5 26.3 26.4 24.3 28.2 28.2 28.1 28.1 28.2 27.3 27.1 26.9 26.8 26.5 26.8 24.4 24.3 23.6 23.5 28.2 28.2 28.1 28.0 27.5 27.1 26.5 25.8 25.7 25.3 24.7 24.6 24.3 23.6 23.5 28.2 28.1 28.0 27.6 27.1 26.9 26.5 25.9 25.2 25.1 24.6 24.1 24.0 28.1 28.1 28.1 28.1 28.1 28.1 28.2 28.1 28.1
28.9 28.4 28.4 28.4 28.5 28.4 28.6 28.1 27.9 27.9 27.8 27.8 27.8 27.8 27.9 27.8 27.9 <td< td=""><td>28.9 28.9 28.4 28.4 28.9 <th< td=""><td>28.9 28.9 28.9 28.1 27.9 <td< td=""><td>28.0 28.0 28.1 27.9 27.9 27.8 27.8 27.8 27.8 27.8 27.7 27.4 27.4 27.6 27.4 27.6 27.4 28.2 28.1 28.1 28.1 27.3 27.1 26.9 26.8 26.5 26.3 26.3 26.1 26.2 26.4 24.8 27.3 27.1 26.9 26.8 26.5 26.4 24.8 24.4 24.3 28.2 28.5 28.2 28.1 28.0 27.6 27.1 26.5 25.8 25.4 25.4 24.8 24.4 24.3 28.6 28.6 28.1 28.0 27.6 27.1 26.5 25.8 25.4 25.9 26.5 25.1 24.8 24.1 24.0 28.0 27.6 27.1 27.0 26.5 25.9 26.5 25.9 25.2 25.1 24.0 24.0 27.0 27.1 27.0 27.1 27.0 26.5 26.5 25.1 24.9 24.2 24.1 23.5 27.0 27.1 27.0 27.1 27.0 25.3 24.1 28.0 24.9 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 25.0 24.0 25.0 24.0 25.0 25.0 24.0 25.0 25.0 25.0 24.0 25.0 25.0 25.0 25.0 25.0 25.0 24.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25</td></td<></td></th<></td></td<>	28.9 28.9 28.4 28.4 28.9 <th< td=""><td>28.9 28.9 28.9 28.1 27.9 <td< td=""><td>28.0 28.0 28.1 27.9 27.9 27.8 27.8 27.8 27.8 27.8 27.7 27.4 27.4 27.6 27.4 27.6 27.4 28.2 28.1 28.1 28.1 27.3 27.1 26.9 26.8 26.5 26.3 26.3 26.1 26.2 26.4 24.8 27.3 27.1 26.9 26.8 26.5 26.4 24.8 24.4 24.3 28.2 28.5 28.2 28.1 28.0 27.6 27.1 26.5 25.8 25.4 25.4 24.8 24.4 24.3 28.6 28.6 28.1 28.0 27.6 27.1 26.5 25.8 25.4 25.9 26.5 25.1 24.8 24.1 24.0 28.0 27.6 27.1 27.0 26.5 25.9 26.5 25.9 25.2 25.1 24.0 24.0 27.0 27.1 27.0 27.1 27.0 26.5 26.5 25.1 24.9 24.2 24.1 23.5 27.0 27.1 27.0 27.1 27.0 25.3 24.1 28.0 24.9 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 25.0 24.0 25.0 24.0 25.0 25.0 24.0 25.0 25.0 25.0 24.0 25.0 25.0 25.0 25.0 25.0 25.0 24.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25</td></td<></td></th<>	28.9 28.9 28.9 28.1 27.9 <td< td=""><td>28.0 28.0 28.1 27.9 27.9 27.8 27.8 27.8 27.8 27.8 27.7 27.4 27.4 27.6 27.4 27.6 27.4 28.2 28.1 28.1 28.1 27.3 27.1 26.9 26.8 26.5 26.3 26.3 26.1 26.2 26.4 24.8 27.3 27.1 26.9 26.8 26.5 26.4 24.8 24.4 24.3 28.2 28.5 28.2 28.1 28.0 27.6 27.1 26.5 25.8 25.4 25.4 24.8 24.4 24.3 28.6 28.6 28.1 28.0 27.6 27.1 26.5 25.8 25.4 25.9 26.5 25.1 24.8 24.1 24.0 28.0 27.6 27.1 27.0 26.5 25.9 26.5 25.9 25.2 25.1 24.0 24.0 27.0 27.1 27.0 27.1 27.0 26.5 26.5 25.1 24.9 24.2 24.1 23.5 27.0 27.1 27.0 27.1 27.0 25.3 24.1 28.0 24.9 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 25.0 24.0 25.0 24.0 25.0 25.0 24.0 25.0 25.0 25.0 24.0 25.0 25.0 25.0 25.0 25.0 25.0 24.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25</td></td<>	28.0 28.0 28.1 27.9 27.9 27.8 27.8 27.8 27.8 27.8 27.7 27.4 27.4 27.6 27.4 27.6 27.4 28.2 28.1 28.1 28.1 27.3 27.1 26.9 26.8 26.5 26.3 26.3 26.1 26.2 26.4 24.8 27.3 27.1 26.9 26.8 26.5 26.4 24.8 24.4 24.3 28.2 28.5 28.2 28.1 28.0 27.6 27.1 26.5 25.8 25.4 25.4 24.8 24.4 24.3 28.6 28.6 28.1 28.0 27.6 27.1 26.5 25.8 25.4 25.9 26.5 25.1 24.8 24.1 24.0 28.0 27.6 27.1 27.0 26.5 25.9 26.5 25.9 25.2 25.1 24.0 24.0 27.0 27.1 27.0 27.1 27.0 26.5 26.5 25.1 24.9 24.2 24.1 23.5 27.0 27.1 27.0 27.1 27.0 25.3 24.1 28.0 24.9 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 24.0 25.0 25.0 24.0 25.0 24.0 25.0 25.0 24.0 25.0 25.0 25.0 24.0 25.0 25.0 25.0 25.0 25.0 25.0 24.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25
28.9 28.9 28.3 28.0 28.9 <th< td=""><td>29.9 28.9 <th< td=""><td>28.9 28.9 28.3 28.0 28.1 27.8 27.9 27.9 27.9 27.9 27.9 27.9 27.9 27.9</td><td>3 28.0 28.1 27.9 27.9 27.8 27.8 27.9 27</td></th<></td></th<>	29.9 28.9 <th< td=""><td>28.9 28.9 28.3 28.0 28.1 27.8 27.9 27.9 27.9 27.9 27.9 27.9 27.9 27.9</td><td>3 28.0 28.1 27.9 27.9 27.8 27.8 27.9 27</td></th<>	28.9 28.9 28.3 28.0 28.1 27.8 27.9 27.9 27.9 27.9 27.9 27.9 27.9 27.9	3 28.0 28.1 27.9 27.9 27.8 27.8 27.9 27
29.1 28.4 28.4 28.4 28.4 28.4 28.4 28.5 28.4 28.5 28.4 28.5 28.6 28.7 28.5 28.4 28.7 28.5 28.4 28.7 28.5 28.4 28.7 28.5 28.7 <th< td=""><td>29.1 28.8 28.4 28.2 28.4 28.4 28.4 28.4 28.4 28.5 28.4 28.5 28.4 28.5 28.4 28.4 28.6 28.6 28.4 28.7 28.6 28.6 28.7 28.6 28.6 28.7 28.6 28.7 28.7 28.1 28.6 28.7 <th< td=""><td>29.1 28.8 28.4 28.2 28.1 28.1 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.4 27.3 27.4 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.4 27.3 27.3 27.3 27.4 27.3 27.3 27.4 27.4 27.3 27.3 27.4 27.4 27.4 27.3 27.3 27.4 <td< td=""><td>4 28.2 28.1 27.8 27.3 27.1 26.9 26</td></td<></td></th<></td></th<>	29.1 28.8 28.4 28.2 28.4 28.4 28.4 28.4 28.4 28.5 28.4 28.5 28.4 28.5 28.4 28.4 28.6 28.6 28.4 28.7 28.6 28.6 28.7 28.6 28.6 28.7 28.6 28.7 28.7 28.1 28.6 28.7 <th< td=""><td>29.1 28.8 28.4 28.2 28.1 28.1 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.4 27.3 27.4 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.4 27.3 27.3 27.3 27.4 27.3 27.3 27.4 27.4 27.3 27.3 27.4 27.4 27.4 27.3 27.3 27.4 <td< td=""><td>4 28.2 28.1 27.8 27.3 27.1 26.9 26</td></td<></td></th<>	29.1 28.8 28.4 28.2 28.1 28.1 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.4 27.3 27.4 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.4 27.3 27.3 27.3 27.4 27.3 27.3 27.4 27.4 27.3 27.3 27.4 27.4 27.4 27.3 27.3 27.4 <td< td=""><td>4 28.2 28.1 27.8 27.3 27.1 26.9 26</td></td<>	4 28.2 28.1 27.8 27.3 27.1 26.9 26
27.1 28.6 28.4 28.0 28.0 27.5 26.7 27.5 25.8 25.4 25.4 25.4 25.4 24.8 24.7 24.0 24.7 24.0 24.1 24.1 24.0 24.1 24.0 24.1 24.1 24.1 24.1 24.1 24.1 24.1 24.1	27.1 28.6 28.4 28.0 28.6 28.7 28.6 28.7 28.7 28.7 28.7 28.7 28.9 28.9 28.7 28.9 <th< td=""><td>29.0 28.7 28.6 28.5 28.0 27.9 27.5 26.7 26.5 25.8 25.2 29.0 28.1 28.0 27.4 27.1 26.5 25.2 29.0 28.7 28.1 28.0 27.6 27.1 26.5 25.2 28.3 28.5 28.2 28.1 28.0 27.6 27.1 26.5 25.2 28.5 28.5 28.2 28.1 28.0 27.6 27.1 27.4 26.5 27.2 27.1 27.2 27.2 27.2 27.2 27.2 27.3 25.9 26.4 26.7 27.9 25.0 26.8 26.5 26.5 26.5 27.9 25.0 26.9 26.9 26.5 27.9 25.0 26.9 26.9 26.5 27.9 25.0 26.9 26.9 26.9 27.1 27.1 27.1 27.0 27.0 27.0 27.9 25.0 24.9 25.0 24.9 25.0 24.9 27.1 27.1 27.1 27.0 27.0 27.9 25.0 24.9 25.0 24.9 27.1 27.1 27.1 27.0 27.0 27.9 25.0 24.9 25.0 24.9 27.1 27.9 27.1 27.1 27.0 27.0 27.9 25.0 24.9 25.0 24.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0</td><td>28.0 28.0 27.9 27.5 26.7 25.4 25.4 25.4 25.4 25.4 25.4 25.4 25.7 25.9 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.1 25.0 25.1 25.0 25.1 25.0 25.1 25.0 25.1 25.0 25.1 25.0 25.1 25.0 25.1 25.0 <td< td=""></td<></td></th<>	29.0 28.7 28.6 28.5 28.0 27.9 27.5 26.7 26.5 25.8 25.2 29.0 28.1 28.0 27.4 27.1 26.5 25.2 29.0 28.7 28.1 28.0 27.6 27.1 26.5 25.2 28.3 28.5 28.2 28.1 28.0 27.6 27.1 26.5 25.2 28.5 28.5 28.2 28.1 28.0 27.6 27.1 27.4 26.5 27.2 27.1 27.2 27.2 27.2 27.2 27.2 27.3 25.9 26.4 26.7 27.9 25.0 26.8 26.5 26.5 26.5 27.9 25.0 26.9 26.9 26.5 27.9 25.0 26.9 26.9 26.5 27.9 25.0 26.9 26.9 26.9 27.1 27.1 27.1 27.0 27.0 27.0 27.9 25.0 24.9 25.0 24.9 25.0 24.9 27.1 27.1 27.1 27.0 27.0 27.9 25.0 24.9 25.0 24.9 27.1 27.1 27.1 27.0 27.0 27.9 25.0 24.9 25.0 24.9 27.1 27.9 27.1 27.1 27.0 27.0 27.9 25.0 24.9 25.0 24.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.9 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0	28.0 28.0 27.9 27.5 26.7 25.4 25.4 25.4 25.4 25.4 25.4 25.4 25.7 25.9 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.1 25.0 25.1 25.0 25.1 25.0 25.1 25.0 25.1 25.0 25.1 25.0 25.1 25.0 25.1 25.0 <td< td=""></td<>
27.3 28.4 28.5 28.5 28.6 27.6 27.1 27.5 25.3 24.7 24.6 24.1 24.5 24.6 24.7 24.6 24.1 24.5 24.1 24.9 24.5 24.1 24.5 24.9 24.5 24.1 24.9 24.5 24.1 24.9 24.5 24.1 24.9 24.5 24.1 24.9 24.5 24.9 24.5 24.1 24.9 24.5 24.1 24.9 24.5 24.1 24.9 24.5 24.1 24.9 24.5 24.1 24.9 24.5 24.9 24.5 24.1 24.9 24.5 24.2 24.9 24.5 24.2 24.9 25.0 24.9 25.0 24.9 25.0 24.9 25.0 24.9 25.0 24.9 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 <th< td=""><td>27.0 28.7 28.5 28.5 28.6 27.6 27.7 25.8 25.7 <th< td=""><td>27.3 28.4 28.5 28.2 28.1 28.2 28.1 28.1 28.1 28.2 28.1 28.1 28.1 28.2 28.1 28.1 28.2 28.1 28.1 28.2 <td< td=""><td>28.15 28.2 28.1 28.0 27.6 27.1 26.5 25.7 25.3 24.7 24.6 24.1 24.0 24.1 24.0 24.1 24.0 24.1 24.0 24.1 24.0 24.1 24.0 24.2 23.8 0 28.1 28.0 27.6 27.2 27.1 27.0 26.3 25.7 25.7 25.1 24.9 24.2 23.8 7 27.0 27.1 27.0 26.2 25.7 25.7 25.1 24.9 24.2 23.8 25.2 25.7 25.1 24.9 24.2 23.8 25.2 25.2 25.1 24.9 24.1 23.5 22.1 23.5 22.2 23.6 22.1 23.6 23.1 23.6 23.1 23.5 23.1 23.5 23.1 23.5 23.2 23.6 23.1 23.6 23.1 23.5 23.8 23.8 23.8 23.1 23.1 23.5 23.8 23.8 23.2</td></td<></td></th<></td></th<>	27.0 28.7 28.5 28.5 28.6 27.6 27.7 25.8 25.7 <th< td=""><td>27.3 28.4 28.5 28.2 28.1 28.2 28.1 28.1 28.1 28.2 28.1 28.1 28.1 28.2 28.1 28.1 28.2 28.1 28.1 28.2 <td< td=""><td>28.15 28.2 28.1 28.0 27.6 27.1 26.5 25.7 25.3 24.7 24.6 24.1 24.0 24.1 24.0 24.1 24.0 24.1 24.0 24.1 24.0 24.1 24.0 24.2 23.8 0 28.1 28.0 27.6 27.2 27.1 27.0 26.3 25.7 25.7 25.1 24.9 24.2 23.8 7 27.0 27.1 27.0 26.2 25.7 25.7 25.1 24.9 24.2 23.8 25.2 25.7 25.1 24.9 24.2 23.8 25.2 25.2 25.1 24.9 24.1 23.5 22.1 23.5 22.2 23.6 22.1 23.6 23.1 23.6 23.1 23.5 23.1 23.5 23.1 23.5 23.2 23.6 23.1 23.6 23.1 23.5 23.8 23.8 23.8 23.1 23.1 23.5 23.8 23.8 23.2</td></td<></td></th<>	27.3 28.4 28.5 28.2 28.1 28.2 28.1 28.1 28.1 28.2 28.1 28.1 28.1 28.2 28.1 28.1 28.2 28.1 28.1 28.2 <td< td=""><td>28.15 28.2 28.1 28.0 27.6 27.1 26.5 25.7 25.3 24.7 24.6 24.1 24.0 24.1 24.0 24.1 24.0 24.1 24.0 24.1 24.0 24.1 24.0 24.2 23.8 0 28.1 28.0 27.6 27.2 27.1 27.0 26.3 25.7 25.7 25.1 24.9 24.2 23.8 7 27.0 27.1 27.0 26.2 25.7 25.7 25.1 24.9 24.2 23.8 25.2 25.7 25.1 24.9 24.2 23.8 25.2 25.2 25.1 24.9 24.1 23.5 22.1 23.5 22.2 23.6 22.1 23.6 23.1 23.6 23.1 23.5 23.1 23.5 23.1 23.5 23.2 23.6 23.1 23.6 23.1 23.5 23.8 23.8 23.8 23.1 23.1 23.5 23.8 23.8 23.2</td></td<>	28.15 28.2 28.1 28.0 27.6 27.1 26.5 25.7 25.3 24.7 24.6 24.1 24.0 24.1 24.0 24.1 24.0 24.1 24.0 24.1 24.0 24.1 24.0 24.2 23.8 0 28.1 28.0 27.6 27.2 27.1 27.0 26.3 25.7 25.7 25.1 24.9 24.2 23.8 7 27.0 27.1 27.0 26.2 25.7 25.7 25.1 24.9 24.2 23.8 25.2 25.7 25.1 24.9 24.2 23.8 25.2 25.2 25.1 24.9 24.1 23.5 22.1 23.5 22.2 23.6 22.1 23.6 23.1 23.6 23.1 23.5 23.1 23.5 23.1 23.5 23.2 23.6 23.1 23.6 23.1 23.5 23.8 23.8 23.8 23.1 23.1 23.5 23.8 23.8 23.2
27.3 28.4 28.5 <th< td=""><td>27.3 28.6 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.6 28.6 28.6 28.6 27.2 27.1 27.0 28.7 28.7 28.7 28.7 28.7 28.6 28.8 28.6 28.6 28.7 28.9 28.6 28.6 28.6 28.6 28.7 <th< td=""><td>27.3 27.6 28.5 28.5 28.1 28.1 27.6 27.2 27.1 27.2 27.2 27.2 27.1 27.2 27.2 27.2 27.1 27.2 27.2 27.1 27.2 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 <td< td=""><td>28.1 28.2 28.1 28.2 28.2 25.9 25.2 25.1 24.5 24.1 0 28.1 28.0 27.8 27.2 27.1 27.0 26.3 25.7 25.7 25.1 24.9 24.2 23.8 7 27.0 27.1 27.0 26.2 25.7 25.4 24.9 24.1 23.5 22.8 7 24.9 25.0 25.0 24.9 25.0 24.9 24.6 24.4 24.1 23.5 22.8</td></td<></td></th<></td></th<>	27.3 28.6 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.6 28.6 28.6 28.6 27.2 27.1 27.0 28.7 28.7 28.7 28.7 28.7 28.6 28.8 28.6 28.6 28.7 28.9 28.6 28.6 28.6 28.6 28.7 <th< td=""><td>27.3 27.6 28.5 28.5 28.1 28.1 27.6 27.2 27.1 27.2 27.2 27.2 27.1 27.2 27.2 27.2 27.1 27.2 27.2 27.1 27.2 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 <td< td=""><td>28.1 28.2 28.1 28.2 28.2 25.9 25.2 25.1 24.5 24.1 0 28.1 28.0 27.8 27.2 27.1 27.0 26.3 25.7 25.7 25.1 24.9 24.2 23.8 7 27.0 27.1 27.0 26.2 25.7 25.4 24.9 24.1 23.5 22.8 7 24.9 25.0 25.0 24.9 25.0 24.9 24.6 24.4 24.1 23.5 22.8</td></td<></td></th<>	27.3 27.6 28.5 28.5 28.1 28.1 27.6 27.2 27.1 27.2 27.2 27.2 27.1 27.2 27.2 27.2 27.1 27.2 27.2 27.1 27.2 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6 <td< td=""><td>28.1 28.2 28.1 28.2 28.2 25.9 25.2 25.1 24.5 24.1 0 28.1 28.0 27.8 27.2 27.1 27.0 26.3 25.7 25.7 25.1 24.9 24.2 23.8 7 27.0 27.1 27.0 26.2 25.7 25.4 24.9 24.1 23.5 22.8 7 24.9 25.0 25.0 24.9 25.0 24.9 24.6 24.4 24.1 23.5 22.8</td></td<>	28.1 28.2 28.1 28.2 28.2 25.9 25.2 25.1 24.5 24.1 0 28.1 28.0 27.8 27.2 27.1 27.0 26.3 25.7 25.7 25.1 24.9 24.2 23.8 7 27.0 27.1 27.0 26.2 25.7 25.4 24.9 24.1 23.5 22.8 7 24.9 25.0 25.0 24.9 25.0 24.9 24.6 24.4 24.1 23.5 22.8
25.3 27.6 28.0 28.1 28.0 27.8 27.6 27.2 27.1 27.0 26.3 25.7 25.4 24.9 24.5 24.1 23.5 22.8 22.8 25.5 25.7 25.4 24.5 24.1 23.5 22.8 22.8 25.5 25.7 25.4 24.5 24.1 23.5 22.8 22.8 25.5 25.7 25.4 24.5 24.1 23.5 22.8 22.8 25.5 25.7 25.4 25.5 25.1 21.8 21.1 20.5 22.8 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0	25.3 25.4 26.0 28.1 28.0 27.8 27.6 27.2 27.1 27.0 26.3 25.7 25.4 24.5 24.1 23.5 22.8 22.8 25.5 25.4 24.5 24.1 23.5 22.8 22.8 25.4 24.5 24.1 23.5 22.8 22.8 25.5 25.4 24.5 24.1 23.5 22.8 22.8 24.5 24.1 23.5 22.8 22.8 24.5 24.1 23.6 21.1 23.5 22.8 22.8 24.5 24.1 23.6 21.1 23.5 22.8 22.8 24.2 24.7 24.9 24.5 24.1 23.5 22.8 22.8 24.2 24.7 24.9 24.5 24.1 23.5 22.8 22.8 24.2 24.1 23.6 21.1 23.6 21.1 22.1 22.3 22.5 22.5 22.5 22.6 22.6 22.4 20.3 20.1 19.9 19.9 19.5 19.1 19.1 19.2 19.3 19.3 19.3 19.3 19.3 19.3 19.3 19.3	27.3 27.6 28.0 28.0 28.0 27.8 27.6 27.2 27.1 27.0 25.8 26.5 26.5 25.9 26.7 27.0 27.1 27.0 27.8 27.0 24.8 26.5 26.5 26.5 27.1 27.0 27.1 27.0 27.0 27.2 27.1 27.0 27.2 27.1 27.0 27.2 27.1 27.0 27.2 27.1 27.0 27.2 27.2 27.2 27.1 27.2 27.1 27.0 27.2 27.2 27.2 27.2 27.2 27.2 27.2	0 28.1 28.0 27.2 27.1 27.0 26.3 25.7 25.1 24.9 24.2 23.8 7 27.0 27.1 27.0 25.7 25.7 25.7 25.7 25.7 25.7 25.9 24.9 25.0 22.0
25.9 26.4 28.0 28.0 27.2 27.1 27.0 26.3 25.7 25.4 25.4 25.9 25.4 <td< td=""><td>27.3 27.6 28.0 28.0 27.8 27.2 27.1 27.0 26.3 25.7 25.4 25.9 25.1 27.2 27.1 27.1 27.0 26.8 26.2 25.7 25.4 27.2 27.1 27.1 27.0 26.8 26.2 25.7 27.1 27.1 27.0 26.8 26.2 25.7 27.4 27.1 27.0 26.8 26.2 25.7 27.4 27.1 27.1 27.1 27.1 27.0 26.8 26.2 25.7 27.4 27.1 27.0 26.8 26.2 25.7 27.4 27.1 27.0 27.2 27.2 27.2 27.1 27.0 27.2 27.2 27.2 27.1 27.1 27.0 26.8 26.2 25.7 27.1 <th< td=""><td>27.3 27.6 28.0 28.1 28.0 28.1 28.0 28.1 28.0 27.1 27.0 27.2 27.2 27.2 27.2 25.2 25.9 25.0 25.0 25.9 25.0 25.0 25.9 25.0 <td< td=""><td>0 28.1 28.0 28.0 27.8 27.6 27.2 27.1 27.0 26.3 25.7 25.7 25.9 25.7 25.9 25.9 25.9 25.0 25</td></td<></td></th<></td></td<>	27.3 27.6 28.0 28.0 27.8 27.2 27.1 27.0 26.3 25.7 25.4 25.9 25.1 27.2 27.1 27.1 27.0 26.8 26.2 25.7 25.4 27.2 27.1 27.1 27.0 26.8 26.2 25.7 27.1 27.1 27.0 26.8 26.2 25.7 27.4 27.1 27.0 26.8 26.2 25.7 27.4 27.1 27.1 27.1 27.1 27.0 26.8 26.2 25.7 27.4 27.1 27.0 26.8 26.2 25.7 27.4 27.1 27.0 27.2 27.2 27.2 27.1 27.0 27.2 27.2 27.2 27.1 27.1 27.0 26.8 26.2 25.7 27.1 <th< td=""><td>27.3 27.6 28.0 28.1 28.0 28.1 28.0 28.1 28.0 27.1 27.0 27.2 27.2 27.2 27.2 25.2 25.9 25.0 25.0 25.9 25.0 25.0 25.9 25.0 <td< td=""><td>0 28.1 28.0 28.0 27.8 27.6 27.2 27.1 27.0 26.3 25.7 25.7 25.9 25.7 25.9 25.9 25.9 25.0 25</td></td<></td></th<>	27.3 27.6 28.0 28.1 28.0 28.1 28.0 28.1 28.0 27.1 27.0 27.2 27.2 27.2 27.2 25.2 25.9 25.0 25.0 25.9 25.0 25.0 25.9 25.0 <td< td=""><td>0 28.1 28.0 28.0 27.8 27.6 27.2 27.1 27.0 26.3 25.7 25.7 25.9 25.7 25.9 25.9 25.9 25.0 25</td></td<>	0 28.1 28.0 28.0 27.8 27.6 27.2 27.1 27.0 26.3 25.7 25.7 25.9 25.7 25.9 25.9 25.9 25.0 25
27.3 27.6 28.0 <th< td=""><td>25.3 27.4 28.0 28.1 28.0 26.5 26.2 25.7 25.4 25.9 24.5 24.1 23.5 23.1 23.5 23.1 23.5 23.1 23.5 23.1 23.5 23.1 23.5 23.1 23.5 23.1 23.5 23.1 23.5 23.6 23.1 23.5 23.6 23.1 23.5 23.6 23.1 23.5 23.6 23.1 23.5 23.6 23.1 23.6 23.1 23.6 23.1 23.6 23.1 23.5 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23.1 <th< td=""><td>27.3 27.6 28.0 28.1 27.8 57.8 57.2 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5</td><td>0 28.1 28.0 27.8 27.6 27.1 27.0 27.1 27.0 27.1 27.0 27.1 27.0 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.4 27.1 27.1 27.4 27.1 27.1 27.2 27.1 27</td></th<></td></th<>	25.3 27.4 28.0 28.1 28.0 26.5 26.2 25.7 25.4 25.9 24.5 24.1 23.5 23.1 23.5 23.1 23.5 23.1 23.5 23.1 23.5 23.1 23.5 23.1 23.5 23.1 23.5 23.1 23.5 23.6 23.1 23.5 23.6 23.1 23.5 23.6 23.1 23.5 23.6 23.1 23.5 23.6 23.1 23.6 23.1 23.6 23.1 23.6 23.1 23.5 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23.1 <th< td=""><td>27.3 27.6 28.0 28.1 27.8 57.8 57.2 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5</td><td>0 28.1 28.0 27.8 27.6 27.1 27.0 27.1 27.0 27.1 27.0 27.1 27.0 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.4 27.1 27.1 27.4 27.1 27.1 27.2 27.1 27</td></th<>	27.3 27.6 28.0 28.1 27.8 57.8 57.2 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5	0 28.1 28.0 27.8 27.6 27.1 27.0 27.1 27.0 27.1 27.0 27.1 27.0 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.4 27.1 27.1 27.4 27.1 27.1 27.2 27.1 27
25.9 26.4 26.7 27.0 27.1 27.1 27.0 26.8 26.5 26.2 27.1 27.1 27.2 27.2 27.2 27.1 27.2 27.2	25-9 26-4 26-7 27-0 27-1 27-0 26-9 26-0 26-2 27-6 27-1 27-0 27-1 27-0 27-9 25-0 27-9 25-0 27-9 25-0 27-9 25-0 27-9 25-0 27-9 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-0 27-1 27-1 27-1 27-1 27-1 27-1 27-1 27-1	25.9 26.4 26.7 27.0 27.1 27.1 27.0 26.8 26.5 26.2 27.3 23.8 24.2 24.7 24.9 25.0 25.3 22.5 22.5 22.5 22.5 22.5 22.5 22.5	7 27.0 27.1 27.1 27.0 26.8 26.5 26.2 27.1 27.1 23.6 21.1 22.4 21.5 21.9 22.1 22.3 22.5 23.1 22.4 24.9 25.0 25.0 24.9 25.0 24.8 24.6 24.4 24.1 23.6 23.1 22.3 22.1 22.3 22.5 22.5 22.5 22.5 22.5 22.5 22.5
19.2 24.7 24.9 25.0	23.8 24.2 24.3 25.0 24.9 25.0 24.9 25.0 25.0 24.9 25.0 <td< td=""><td>23.8 24.2 24.7 24.9 25.0 25.0 25.9 25.9 25.0 24.8 25.0 24.8 22.5 22.6 22.6 22.6 22.6 22.6 22.6 22.6</td><td>7 24.9 25.0 25.0 25.0 24.9 25.0 24.8 24.6 24.4 24.1 25.0 25.1 21.8 21.1 20.2 21.9 22.1 22.3 22.5 22.5 22.6 22.8 22.8 22.8 22.6 22.1 21.8 21.1 20.2 21.9 22.1 22.3 22.5 22.5 22.6 22.8 20.0 10.9 19.9 19.5 19.1 19.3 19.4 19.5 19.1 17.0 17.1 17.0 17.1 17.0 17.1 17.0 17.2 17.0 16.9 16.8 16.8 16.8 14.2 14.2 14.2 14.2 14.3 14.4 14.4 14.4 14.4 14.4 14.5 14.5 14.5</td></td<>	23.8 24.2 24.7 24.9 25.0 25.0 25.9 25.9 25.0 24.8 25.0 24.8 22.5 22.6 22.6 22.6 22.6 22.6 22.6 22.6	7 24.9 25.0 25.0 25.0 24.9 25.0 24.8 24.6 24.4 24.1 25.0 25.1 21.8 21.1 20.2 21.9 22.1 22.3 22.5 22.5 22.6 22.8 22.8 22.8 22.6 22.1 21.8 21.1 20.2 21.9 22.1 22.3 22.5 22.5 22.6 22.8 20.0 10.9 19.9 19.5 19.1 19.3 19.4 19.5 19.1 17.0 17.1 17.0 17.1 17.0 17.1 17.0 17.2 17.0 16.9 16.8 16.8 16.8 14.2 14.2 14.2 14.2 14.3 14.4 14.4 14.4 14.4 14.4 14.5 14.5 14.5
15.5 15.6 21.6 21.9 22.1 22.5 22.5 22.6 22.8 22.8 22.8 22.6 22.1 21.8 21.1 21.5 21.5 21.5 21.6 21.6 21.8 21.1 21.1 21.5 21.6 21.8 21.6 21.8 21.6 21.8 21.7	15.5 15.6 21.8 21.9 22.1 22.3 22.5 22.6 22.6 22.8 22.8 22.6 22.1 21.8 21.1 21.5 21.5 21.9	15.8 16.7 16.8 16.8 17.3 17.0 17.1 17.0 17.0 17.1 17.0 17.0 17.1 17.0 17.0 17.1 17.0 17.0 17.0 17.1 17.0	8 21.9 22.1 22.3 22.5 22.6 22.6 22.8 22.8 22.8 22.1 21.8 21.1 20.2 3 19.1 20.2 3 19.3 19.4 19.5 19.1 20.2 3 19.3 19.4 19.5 19.1 19.3 19.4 19.5 19.1 17.0 17.2 17.0 16.9 16.9 16.8 16.8 16.8 16.8 16.8 17.0 17.1 17.0 17.2 17.0 16.9 16.9 16.8 4 14.3 14.2 14.2 14.3 14.4 14.4 14.4 14.4 14.4 14.4 14.5 14.5
19.2 19.3 19.3 19.4 19.5 19.8 20.0 20.5 20.4 20.4 20.1 19.9 19.9 19.5 19.1 19.1 19.2 19.3 19.3 19.4 19.5 19.8 20.0 20.5 20.4 20.4 20.1 20.1 19.9 19.9 19.5 19.1 19.8 16.7 16.8 16.9 17.2 17.0 17.1 17.0 17.2 17.0 16.9 16.9 16.8 19.2 12.4 14.3 14.2 14.2 14.2 14.4 14.4 14.4 14.4 14.4 14.5 14.5 19.2 12.5 12.4 12.1 12.0	19.2 19.3 19.3 19.4 19.5 19.8 20.0 20.5 20.4 20.4 20.3 20.1 19.9 19.9 19.5 19.1 19.2 19.3 19.3 19.4 19.5 19.8 20.0 20.5 20.4 20.4 20.3 20.1 19.9 19.9 19.5 19.1 19.8 16.7 16.8 16.8 16.8 17.2 17.0 17.1 17.0 17.1 17.0 17.2 17.0 16.9 16.9 16.8 19.4 16.4 14.4 14.4 14.4 14.4 14.4 14.4 14.4 14.4 14.4 14.5 14.5 19.5 10.5 10.5 10.2 12.0 12.0 12.1 12.0 12.0 12.0 11.9 11.8 11.7 11.9 11.9 12.0 10.5 10.5 10.3 10.2 10.2 10.2 10.1 10.1 10.0 0.9 0.9 0.9 0.9 10.5 10.5 10.3 10.3 10.2 10.2 10.1 10.1 10.0 0.9 0.9 10.5 10.5 10.5 10.3 10.3 10.3 10.3 10.3 10.3 10.5 10.5 10.3 10.3 10.3 10.3 10.1 10.1 10.1 10.1 10.5 10.5 10.5 10.3 10.3 10.3 10.3 10.3 10.5 10.5 10.5 10.3 10.3 10.3 10.3 10.3 10.5 10.5 10.5 10.5 10.3 10.3 10.3 10.5 10.5 10.5 10.3 10.3 10.3 10.5 10.5 10.5 10.5 10.3 10.3 10.5 10.5 10.5 10.5 10.3 10.5 10.5 10.5 10.5 10.3 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5	19.1 19.2 19.3 19.4 19.5 19.8 20.0 20.5 20.4 20.1	8 16.8 16.8 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 18.9 16.9 16.9 16.9 16.8 8 16.8 16.8 17.0 17.0 17.0 17.0 17.0 17.0 17.0 16.9 9.9 9.6 9.9 9.6 9.9 9.6 9.9 9.6 9.9 9.6 9.9 9.6 9.9 9.9 9.9 9.6 9.9 9.6 9.9 9.6 9.9 9.6 9.9 9.6 9.9 9.6 9.9 9.9 9.6 9.9 9.9 9.9
19.2 19.3 19.4 19.5	19.2 19.2 19.3 19.4 19.5 19.6 19.6 19.7 17.0 17.1 17.0 17.1 17.0 17.2 17.0 16.8 16.8 16.8 16.2 14.2 14.2 14.4 14.4 14.4 14.4 14.4 14.4 14.4 14.4 14.5	19.1 19.2 19.3 19.4 17.5 17.0 17.1 17.0 17.0 17.1 17.0 17.0 17.1 17.0 17.0 17.0 17.1 17.0	8 16.8 16.6 17.0 17.0 17.1 17.0 17.0 17.1 17.0 17.2 17.0 16.9 16.9 16.8 4 14.3 14.2 14.2 14.2 14.2 14.2 14.2 14.2 14.2
16.8 16.7 16.8 16.8 16.4 17.2 17.0 17.1 17.0 17.1 17.0 17.2 17.0 16.9 16.9 16.8 16.4 14.5	16.8 16.8 16.8 16.9 17.3 17.0 17.1 17.0 17.1 17.0 17.2 17.0 16.9 16.9 16.8 16.8 16.8 16.2 14.2 14.2 14.4 14.4 14.4 14.4 14.4 14.4 14.4 14.5	15.8 16.7 16.8 16.8 15.2 17.0 17.1 17.0	16.8 16.8 17.3 17.0 17.1 17.0 17.1 17.0 17.2 17.0 16.9 16.9 16.8 14.3 14.2 14.4 14.4 14.4 14.4 14.4 14.5 14.5 14.5
16.8 16.7 16.8 16.8 16.9 17.3 17.0 17.1 17.0 17.1 17.0 17.1 17.1 17.1	16.8 16.7 16.8 16.8 16.9 17.3 17.0 17.1 17.0 17.1 17.0 17.1 17.0 17.1 17.2 17.5 17.5 17.2	16.8 16.7 16.8 16.8 17.3 17.0 17.1 17.0 17.1 17.0 17.0 17.0 17.0	16.8 16.6 17.3 17.0 17.1 17.0 17.1 17.1 17.1 17.1 17.1
14.7 14.4 14.2 14.2 14.2 14.4 14.5 14.6 14.6 14.6 14.6 14.6 14.6 14.6 14.6 14.6 14.6 14.6 14.7 14.7 14.6 14.7 14.7 14.7 14.6 14.7 14.7 14.7 14.6 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7	14.7 14.4 14.2 14.2 14.2 14.4	14.7 14.6 14.4 14.3 14.2 14.2 14.2 14.3 14.4	14.3 14.2 14.2 14.2 14.3 14.4 14.4 14.4 14.4 14.4 14.4 14.7 11.9 11.9 12.0 12.1 12.0 12.0 12.0 12.0 12.0 12.0
12.5 12.5 12.4 12.1 12.0 12.0 12.1 12.0 12.0 12.0 11.9 11.8 11.7 11.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5	12.5 12.5 12.4 12.1 12.0 12.0 12.1 12.0	12.5 12.5 12.4 12.1 12.0 12.5 12.0 12.1 12.0 12.0 12.0 12.0 12.0 12.0	12.1 12.0 12.5 12.0 12.1 12.0 12.0 12.0 11.9 11.8 11.7 11.9 11.9 12.0 10.3 10.2 10.2 10.1 10.1 10.1 10.0 9.9 9.8 9.6 5. 9.5 9.4
10.4 10.5 10.3 10.3 10.2 10.2 10.1 10.1 10.1 10.0 9.9 9.8 9.6 5.6 5.7 7.2 8.3 8.5 10.3 10.3 10.3 10.2 10.1 10.1 10.1 10.1 10.0 9.9 9.8 9.6 5.6 5.7 7.2 8.3 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.6 8.5 8.2 5.0 7.8 7.5 7.2 8.3 8.5 8.5 8.2 5.0 7.8 7.5 7.2 8.3 8.3 9.3 9.7 3.8 3.7 3.8 3.7 3.8 3.7 3.8 3.7 3.8 3.7 3.8 3.7 3.8 3.7 3.6 3.3 3.3 3.7 3.8 3.7 3.6 3.3 3.9 3.7 3.8 3.9 3.7 3.8 3.9 3.7 3.8 3.9 3.7 3.8 3.9 3.7 3.8 3.9 3.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	6.5 6.6 6.7 6.8 6.7 6.5 6.5 6.4 6.4 6.4 6.3 6.2 6.1 6.0 5.9 5.6 7.5 7.2 8.5 8.5 8.5 8.7 3.6 3.0 7.8 7.5 7.2 8.9 9.8 9.8 9.6 7.5 7.2 8.9 8.3 8.9 9.8 7.5 7.2 7.2 8.9 8.5 8.7 8.7 8.7 8.7 8.7 8.6 8.5 8.2 3.0 7.8 7.5 7.2 8.9 9.8 9.9 9.8 7.5 7.2 7.2 8.9 9.9 9.8 7.5 7.2 7.2 8.9 9.9 9.8 7.5 7.2 7.2 8.9 9.9 7.0 7.8 7.5 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	6.5 6.6 6.7 6.8 6.7 6.6 6.5 6.4 6.4 6.3 6.3 6.9 6.9 6.9 6.9 6.0 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9	3 10.3 10.2 10.2 10.1 10.1 10.1 10.0 9.9 9.8 9.6 5. 5. 7.7
8.3 8.5 8.7 8.7 8.7 8.7 8.7 8.7 8.6 8.5 8.2 3.0 7.8 7.5 7.5 8.8 8.3 3.0 7.8 7.5 7.5 8.8 8.3 3.0 7.8 7.5 7.5 8.3 8.3 8.5 8.7 8.7 8.6 8.5 8.2 3.0 7.8 7.5 7.5 8.8 8.3 8.5 8.2 3.0 7.8 7.5 7.5 8.5 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3	6.5 6.6 6.7 6.8 6.7 6.5 6.4 6.4 6.3 6.2 6.1 6.0 5.9 5.6 7.8 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3	8.3 8.5 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7	
6.5 6.6 6.7 6.8 6.7 6.6 6.5 6.4 6.4 6.3 6.2 6.1 6.0 5.9 5.6 7.5 5.3 3.9 3.9 3.7 3.6 3.3 3.9 3.9 3.7 3.6 3.3 3.9 3.9 3.9 3.7 3.6 3.3 3.9 3.9 3.9 3.7 3.6 3.3 3.9 3.9 3.9 3.7 3.6 3.3 3.9 3.9 3.9 3.9 3.7 3.6 3.3 3.9 3.9 3.9 3.9 3.9 3.9 3.7 3.6 3.3 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9	6.5 6.6 6.7 6.8 6.7 6.6 6.5 6.4 6.4 6.3 6.2 6.1 6.0 5.9 5.6 7.5 5.3 3.9 3.9 3.9 3.7 3.8 3.9 3.9 3.7 3.8 3.9 3.9 3.7 3.8 3.9 3.9 3.9 3.9 3.9 3.7 3.8 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9	6.5 6.6 6.7 6.8 6.7 6.6 6.5 6.5 6.4 7.8 3.7 3.6 9.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	67 8.7 8.7 8.7 8.7 8.7 8.6 8.5 8.2 3.0 7.8 7.5 7.2
6.5 6.5 6.6 6.7 6.8 6.7 6.6 6.5 6.4 6.4 6.3 6.2 6.1 6.0 5.9 5.6 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	65 6.5 6.6 6.7 6.8 6.7 6.6 6.5 6.4 6.4 6.3 6.2 6.1 6.0 5.9 5.6 5.5 5.3 6.2 6.3 6.2 6.1 6.0 5.9 5.6 5.5 5.3 3.3 4.5 3.6 3.3 3.6 3.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6	65 6.5 6.6 6.7 6.8 6.7 6.6 6.5 6.4 6.4 6.4 6.3 6.8 6.5 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	
05 6.5 6.6 6.7 6.9 6.9 3.7 3.8 3.7 3.6 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.3 3.7 3.6 3.2 1.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	05 5.5 6.5 6.6 6.6 6.7 6.9 3.7 3.8 3.7 3.6 3.9 3.9 3.9 3.7 3.6 3.3 3.8 3.7 3.6 3.3 3.8 3.7 3.6 3.3 3.8 3.7 3.6 3.3 3.8 3.7 3.6 3.3 3.8 3.7 3.6 3.3 3.8 3.7 3.6 3.3 3.8 3.7 3.6 3.3 3.8 3.7 3.6 3.8 3.9 3.7 3.8 3.8 3.7 3.6 3.8 3.9 3.9 3.7 3.6 3.3 3.8 3.9 3.8 3.8 3.9 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8	05 5.5 0.6 0.6 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.0 0.0 0.0 0.0	6.4 6.4 6.3 6.2 6.1 6.0 5.9 5.6 7.5 5.3
45 3.9 3.8 3.8 3.8 3.8 3.9 5.7 5.9 5.0 6.9 6.7 6.9 1.0 1.1 1.3 1.2 1.1 1.0 0.0 6.8 6.7 6.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	45 3.9 3.8 3.8 3.8 3.8 3.8 3.7 5.9 5.7 5.9 5.0 6.2 6.2 6.2 6.2 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3	45 3.9 3.8 3.8 3.7 5.9 5.7 5.7 5.7 5.7 5.8 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7	1 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
85 0.9 0.9 0.9 0.9 0.9 0.9 1.0 0.9 0.0 0.1 0.1 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	85 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.0 0.0	85 0.9 0.0 0.0 0.9 0.9 0.9 0.9 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	8 3.8 3.1 1.2 1.1 1.0
25 0-1 0-1 0-1 0-1 0-2 0-0 0-0 0-0 0-0 0-1 0-1 1 1 1 1 1 1 1 1		1	9 0.9 0.9 0.9 1.0 0.9 0.8 0.1 0.1 0.1 0.1 0.1 0.1
			1 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.
			2.0- 2.0- 8.0- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
45 I I I I I +	45		各位任任教会会会会会会 12 12 12 14 14 14 14 14 14 14 14 14 14 14 14 14
85		SS	医脊髓管 化多角管 医多角性 医多角性 医多角性 医多角性 医多角性 医多角性 医多角性 医多角性
		one de la limitation de la compansa de la compa	· 一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
		***************************************	电子子电路分离 计记录记录 计记录记录 医电子性 医骨骨骨 医电子性 医电子性 医电子性 医电子性 医甲状腺素 医甲状腺素 医甲状腺素 医甲状腺素 医电子性 医多种性 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
	各級社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会	・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	如果我们的一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个

90N	1		1							_	-	-	—	-	₩ :	-	
20 N N N N N N N N N N N N N N N N N N N			1		_ .		- -	- -		_	-	-	.	٠.	٠ .	_	•
100 100 100 100 100 100 100 100	300		1	_	•	-	-	_	•			•			•		٠.
00 00 00 00 00 00 00 00 00 00 00 00 00		****	********		_	•	•		_	_				-	-	-	٠,
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		-	•	****	-	*******	******	1	*****	*****	*	****	*****	***	_	-	→ .
0		-	_	*** I	*** ****	*******	*******	*******	*****	*****	****	*****	******	*	_	_	
60N 60N 60N 60N 60N 60N 60N 60N 60N 60N	3 9 0		6-1-	-	-	-1.6***	****	********	****	*******	* * * *	*****	****	1	-	2.9	3 9
50N 2 2	0	***	******								*****	****	_	-	8.4	5.7	7.2
8 N N N N N N N N N N N N N N N N N N N	3.0			-		• • •	•		******		7.1	9.1	10.0	*** ***		9.1	9.5
NON NOS		4	********			0.0	4		*		1.6	10.3	11.0	11.6	11.9	11.9	12.0
NO N							4	•	4		10.4	11.5	12.3	13.0	13.3	13,3**	****
00N 60N 2N		,				7.0	9			12.3	12.6	13.6	14.2	14.5	14.8	-	*****
60N ************************************	17.04			•	0			•		•					•		
6N3****	7 0		*********	*******	****	12,2***	****	9.1	11.4	15.8	16.5		16.5	16.4		16.4	15.7
2N ****						15.2	14.1		18.8		19.6		18.8	18.4	18.0	17.6	18.5
- N7				0 01	22.3	23.1	23.0	,	22.6		21.8		20.6	19.9		18.2**	****
PARRENA	**************************************	*****		26.3	25.7	25.4	25.0	24.7	24.4	23.9	23.3	22.6	21.8	21.0	20.3**	*******	****
34N**********	********	*********	27.4	26.6	26.4	26.1	25.9	25.7	25.2	24.7	24.2		22.6	21.6	21.0	21.0**	***
10N 28.	3 28 4*	*****		27.1	26.9	26.8	26.6	26.0	25.4	24.9	•	23.6	22.8	21.8	*6		****
16N 28.	28	28.3			27.1	27.1	26.7	26.1	25.5	24.9	•	23.6	22.9	_	**0	*	****
22N 28.4		***	27.9	27.3	27.3	27.1	26.7	26.1	25.8	25.0	24.2	23.9	23.3	~	****	*	*****
RNSSTATE		27.9	*		27.6	27.3	26.8	26.2	26.1	25.5	S	24.7	24.6	W٦	******	*****	*
4N+68-68	************	27.7	24.7	24.5	24.7	27.5	27.3	26.8	26.7	26.5	•	25.9	25.8	40	*******	******	****
		•		;													
	27.2	*****	27.8***	*******	*****		~	7	27.8		26.9	26.6	•	26.4	26.4**	:	****
	26.3	26.6**	26.6*******	********	*	*****	27.9	27.8	27.4	27.2	56.9	26.5	25.8	25.6	25.4	25.400	-
		24.7**	************	*******	-	*******		-	27.3		26.5	26.0	ŝ	;		23.6	23.6
		*****	**************	*******		** ** ** **	*******	*	****	•	26.4	26.2	ŝ	ŝ		å	
65 22.2	20.8	************	*********	******	*******	*	*	***	******	*****	****	26.0	ŝ	Š	•		
21.	2 20.1	a)	********	*******	*	•	******		******		25.3	25.3	24.8	24.0	69.67	23.5	21.2
		Œ	****	******	*****	*	*	***	****		7.67	24.3	73.1	23.6	22.00	1:22	33 4
_		8	17.1****	******	*****	******	****	*****	*****	***	23.1	23.5	7.77	4.77	0.22	2.12	
_	18	17.4	16 5****	*	******	*******	*	******	****	22.5	22.2	21.8	21.1	71.4	50.0	707	6.7
265 18.0	17	Ð	**	******	******	*******	** ** **	****	20.1	20.5	19.8	19.5	19.3	19.4	19.0	18.6	17.9
•				4				,				17.3	17.3	17.7	17.1	16.6	16.6
٠.								14.4	15.0			15.3	15.7	15.0	•	14.3	13.8
	1:	7.61					0	: -	10	-	•	12.2	12.3	11.9		11.5	11:1
•	71				,	1 7				0		6	0.6	8.9	8.5	8.2	7.8
0-6 574	2.0	7.2	7.7**********		6.1	2.4		6.2	6.3	6.2	5.8	5.6	5.3	5.1	4.8	4.6	4.1
	•																
505 5.0	5.	•	*	*****	7.	3.7	0.4	4.5	4.5	4.3	3.8	3.2	2.2	÷ .	1.3		1.2
	e.	3.5	*	*****	5.5	2.1	2.1	•	2.0	1.6	٠	0.5	0	0.1	1.0		
585 0.	5.0 6	1.0	1.1	1.0	9.0	0.3	0.0-	0.0	0.0	0.0	_	-	⊷.	- '	.	٠ .	→ .
	•	0.3	0.2	0.1	J.0-	_	14	_	_	-	_	-	-	- .	┛,	٠.	٠.
		•		**	****	-	_	-	_	_	-	-	_	-	-	-	-
	•		1			•	•		•	-	-	-	_	_	Ŀ	-	_
705	1	-	*** 1	***		- •		- -				٠.		********	*******	*****	*****
: :						. •	- -					******	*******	******	*******	*****	*****
185						1			*****		*****		****	*******	*******	******	*****
825****	计存储分词 计记录 医电子性 医乳蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白	*****			******		*****	*****	*****	*****	*****	******	******	*******	*****	*****	****

TABLE 5-1 JUL SEA SURFACE TEMPERATURE 10EG CJ

1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	*****	2.00	4-4-0	W-W-4	200	::::
		28.	28.	25.4 24.1 22.4 20.1	15.3 13.1 11.3 8.7		
1 1 1 0			28.2 27.7 26.5	25.3 24.0 22.4 20.3 18.2	15.5 13.3 11.7 8.9 5.0	10.01	
1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		27.5	28.3 27.7 26.5	25.3 24.1 22.7 20.8 18.3	15.9 13.7 12.1 9.3	0.0	
1 1 1 0 0 1 1		27.3** 27.3** 27.3**	28.3 27.4 26.4	25.2 24.1 22.9 21.2	16.4 14.2 12.7 8.6 3.9	1.7	
			28.0 27.0 26.0	25.1 24.1 23.0 21.5	17.1 14.7 13.3 9.7 3.9	9 4 0 0 1 1	* * *
		26.2 26.2 26.1 26.1 26.1	27.1 27.1 26.4 25.7	24.9 24.1 23.2 21.8	17.5 15.2 13.8 9.5 3.9	10.0-	
	5.7 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	29.4ceeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee	25.9 25.9 25.4	24.6 24.0 23.2 22.1 20.1	17.7 15.8 14.2 7.0	1.4	
1 1 1 1 2.8**	**** * **	* * * *	25.3 25.5 25.5 25.0	24.5 23.4 22.5 20.5	18.1 16.2 13.8 6.4	1.3	
0.4			24.7	24.5 24.2	18.7 16.5 13.8 6.3	1011	
1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7.6 6.9 6.3 8.65************************************	50.77		24.0 24.1 23.8** 22.6**	19.4 17.0 14.2 6.8 3.3	10.5	
1 1 1 1 S	7.6 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6	*** * * * * * * * * * * * * * * * * * *		21.4	20.0 17.4 14.6 7.2	1.2 0.3 I	
1.6	23.2			**************************************	17.9 14.6 8.3 4.0	1.2 0.2 1 1	
1 1 2.2 2.2					17.7 15.2 9.4	1.3 0.2 1	
	***** * * * * * * * * * * * * * * * *				15.4	1.2 0.2 1 1	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10.3 10.50mmm		***	20.6************************************	15.9************************************	1.3	
1 1 4.6**	9.9 10.3 10.59**** [1.8 12.3************************************		24.9####################################	20.6*** 17.8*** 16.6** 16.8**	16.2 14.4 11.5 7.8	1.2 0.2 1 1	
1 1 1 0° 6 9	70N 6.7 9.0 10.3 10.59**** 66N 10.7 11.8 12.3************************************	26N************************************	24.9** 22.5** 22.3	21.1 19.5 18.5 17.9	16.1 13.4 15.7 7.6	1.2 0.2 1 1	705 : 1 1 1 1 1 1 1 1 1 1
	6.7 10.7 112.4 113.4 117.0		24.3 22.7 22.8	21.9 20.5 19.4 18.5	16.2 13.4 10.9 7.8	1.011	
900N 800N 730N 740N	70N 6.7 66N 10.7 66N 12.4 58N 13.4 56N 888888 56N 888888 42N 888888 42N 8888888 43N 8888888	200 X 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	28 28 68	105 145 185 225 265	30S 34S 46S 46S	505 545 585 625 662	705 745 785 125

TAHLE 5-1 JUL SEA SURFACE TEMPERATURE (UEG C)

1 75E	_	-	-		٠,	-		1.3		7.0							24.9	;	7-17	27.	28 .			28.8			5	28.5			22 0		21.3		17.0	2	4		4			9					-	-	-	-	*****	
1706	-	-	-	•	٠,	-		2.3				7.1	8.4	11.2	17.3	22.3	25.1		4.17	28.0	28.2	28.7	28.8	29.0	29.4	29-3	29.1	28.2	2.7		23.0		.12			15.2		-		•	6.1	3.9	1.1	0	-		-	-	-	-		
16 SE	-	-	-	. •	•	-	,	7.7			9.6	1.4	8.3	11.2	17.3	22.6	25.2		1.12	28.5	28.4	28.8	29.5	29.4	29.4	59.4	29.5	28.0	27.0	25.0	22.0	60.00	7.17	19.6	17.7		13.			•	4.9	3.7	0	0.3	-	•	-	*****	-	-	8	
160E	-	-	-		-	_	,	3.0			***	*** ***	8.4	11.9	17.6	22.6	25.4		27.8	28.3	28.7	29.1	29.4	29.6	29.4	29.4	29.1	27.7	, ,	0.07	23.0	23.0	6.1.2	9	2.5	4	7 6 1	-	0.0	•	6.1	3.4	0.7	-	-	•	*****	******	*****	*****		
155E	-	_	-	٠,	٠	-		****	***		****	4.6	7.0	11.7	18.8	22.9	25.5	1	27.8	28.5	29.0	56.6	59.5	59.9	29.1	29.4	29.0	27.7	,	70.07	23.0	0.22	21.3	20.1	18 4	9 4	12.6	1	11	•	0.9	2.9	0.5		-		******	******	******	*******	***	
150E	_	_	-		-	-		****	****	****	*****	8.7	8.5	10.6	19.1	23.8	55.9		28.1	28.8	29.3	29.7	59.6	30.0	29.1	29.4	29.1	27.7			1.47	20.00	50.9	*	****			12.	7.11	0	5.6	2.6	4-0		-	•	******	******	******	******	*****	
145E	-	_	-	•	-	-		******	*****	****	*****	8.7	10.8	12.3	****	23.4	26.1		28.0	29.1	29.8	29.9	29.8	30.0	29.6	29.4	29.5	*****		24-8	23.5		***	* * * * * *	*****			12.5		•	5.1	2.2				•	*******	******	********	*******	******	
140E	-	-	-	•	-	****		******	*****	*****	*****	****	****	17.0	20.4	****	26.3		28.1	29.1	29.5	29.8	29.8	29.5	29.3	29.4	29.0	*****	;	24.	23.6			****	*****			17.4			4.6	1.7	2.0			•	******	******	******	******	******	
C) 135E	-	_		-	-	**		******	*****	*****	*****	******	******	****			****		28.3	29.0	29.3	29.4	29.3	28.9	28.8	29.5	26.6	25.6*		52.5	***		****	*****		•	15.9	1.71		•	4.1	-					******	******	*******	*******		
E (0EG	_	-		-	_	-0-1		*****	*******	*****	*****	******	******	******	***	22.9	26.1**		28.1	28.7	28.8	29.0	29.3	28.9	28.4	28.1	26.7	26.0		25.6				*****	*****		13.0	8.11	* •	1.3	3.9						*******	****	******	*******	******	
PERATUR 1.25E	-	_		-	_	0.0		*	******	******	******	******	*******	******	****	****	25.3		27.9	28.9	28.9	29.2	29.1	****	28.3	27.8	26.9	26.4		26.5	25.6**	****	****	*****			0-4	11./	6.6	9	3.5			: -		-	******	****	******	******	*****	
SEA SURFACE TEMP	-	-	•	_	_	0.3		******	*****	*****	******	******	******	******			24.7			27.8	29.0	29.5	****	28.6**	28.3	27.9	27.1	7.97		26.5	25.5	23.1**	******	******				11.9	3.1	6.5	3.2		,		٠.	-	*****	*****	*****	******	******	
EA SURF 115E	-		-	-	-	9.0		******	******	*****	******	*****	** ** **	*****			****		******	** ** *	29.5	29.3	29.1**	28.9	28.5	****	****	26.1		26.0	54.9	23.5	******	******	•	17.1	15.5**	11.6	8.8	6.1		0 0	0		1		*****	*****	*****	******	*****	
JUL 110E			-	_	_	*****		******	******	******	******	*	******						******	******		~	29.8	29.3	28.6	28.2**	27.6*	26.2		26.2	25.1	23.5	21.2**	19.4**		17.1	14.4	11.4	8.8	5.8	0 0						*****			******	*****	
TABLE 5-1 105E				-	_	* * *		******	******	******	-	*****	****				********		************	******	******	***	*****					27.4		26.4	25.0	23.0	20.6	18.4		16.2	13.2	11.1	8.7	5.4	4 6	•	•	0			****			*****	******	
1006	-	•	-	_	*****	************		*****	******	****	本本 本本 本本 本本	*****	*******						******	******	******	******	28.7******	28.6**	*****	*****	28.0*	27.6		26.6	24.9	22.4	20.1	18.0		15.5	12.8	11.0	8.6	5.3	7 (** 7	• •				****	****		****	****	医甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
9.56			-	_	** 1	******		*******	******	******		*****							*****	******	2.	***************************************	28.7**	28.6 28.6**	28.4**	28.1 **	28.0	27.4		26.4	24.7	21.9	6.61	17.8		15.5	12.6	11.1	9.6	5.3	,	2.3	9.0	0.0-	-		******	***			*****	***
306	-	• •	_	_	_	******		**************	***************************************	中央中央市政会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	DON 4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	*****	N() C			3 GN 化非常性 化二甲基苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基		**************************************		24 844		28.6	8.1			١ ٥			25.9	24.3	22.1	19.9	17.8		15.2	12.7	11.1	8.6	5.5	,	2.3	0	0.0	-		***************************************				计算机 计分别 化二氯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	化二苯甲基苯酚 计分类 化二苯甲基甲基甲基甲基甲基甲基甲基甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲
	200		200	2 × ×	7 AN	74N**		7 ON##	**N99	42N++	100	SAME	4 100	NO C	NO.	45N##	38N#####	NA C	30N##	24N##	224	277	201	NO	N	200	200	2 6		105	145	185	225	265		308	345	385	425	465		505	548	585	625	899		S	145	n 4	າທ	** SO6

				TABLE 5-	2 JUL	TCTAL C	1039 CO	CLOUD COVER (\$/ 100) -N/HEM	1001-N/	E E								
	1808	17.54	170W	16 SW	1 60W	1534	1 50W	14 SW	140M	135W	130M	125W	120W	11 SW	1 10M	10 SW	100M	M 56
_ Q		0.9		0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	0.0
•		5.0			0.9	0.0	0.0	5.0	6.0	6.0	0.8		0.8	0.8	8.0	8.0	8.0	0
82N	6.0	. 0	7.0	6.0	0.0	5.0	5.0	6.0	8.0	8.0	8 0		0.0		•	9 0	•	0 0
8		0.0	•		0.8	P.0	8.0	8.0	9.0	8.0	9 0		0 0	•	0 1	0 7		
4	•	9.0	•	0.8	8.0	9	8.0	0	5	•	•		•	•				
NOZ		9.0	8.0	0.3	0.7	0.7	0.7	1.0	0.7	9.0	9.0	9.0	1.0	1.0	7.0	1.0	0.7	0
66N		20	0.8	9.6	0.8	7.0	7.0	0.7	0.7	0.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	0
6 2N		0.0	6.0	0.8	0.8	8.0	0.7	۲. ۲	0.8	0.7	0.1	7.0	9.0	9.0	9 0	9.0		
5.83		5.0	6.0	6.0	D . O	6.0	O. B	3·0	0.8	0.8	0.8	0.1	0.0				•	
24N	0.0	6.0	1.0	6.0	5.0	6.0	0.0	6.0	6.0	0.8	0.8	0.1	9.0	9.0	0.0	•		,
20			1.0	9.0	6.0	6.0	0.0	6.0	0.9	6.0	8.0	9.0	0.5	0.5	0.5	0.5	9.0	0
200			0.0	0.9	0.0	6.0	6.0	6.0	6.0	0.9	o. 8	9.0	4.0	0.3	4.0	4.0	4.0	0
NO. 4	•	0	A . C	6.0	0.0	0	2.0	6.0	6.0	0.8	8.0	9.0	0.3	0.3	4.0	0.5	0.5	0
702			0.7	7.0	0.7	7.0	0.8	9.0	0.8	0.7	0.7	9.0	0.3	4.0	0.5	9.0	0.5	0
348		0	9.0	9.0	9.0	9.0	9.0	9.0	1.0	1.0	0.7	1.0	0.5	4.0	9.0	9.0	0.5	•
					,	,	,		,		9	ď		5.0	9-0	0.5	0.5	0.0
	٠	9.0	•	0.0		0 1	0 0	0								5.0	0.5	d
	•	0.5	•	9.0	6.5	0.0	•	•				•					0	0
2 2 N	0.5	0.5	0.5	0.5	9.0	9.0	9 .	9.0			•			, ,				C
			•	0.5	4.0	0.0	9.0	9.0		0.8	0.0							
10N**																		
25.	*****	*****	****	****	*	*	*******	*******	******	******	*****	*****	•	*****	*****	***	****	
	•	4.0	••0	4.0	0.3		0.3	0.3	4.0	4.0	0.4	••0		0.5	0.5	3.5	9.0	0
o				9.0	0.4	4.0	4.0	4.0	0.4	7. 0	4.0	4.0	0	0.5	0.5	0.5	9.0	•
*				4.0	0.4	4.0	4.0	4.0	4.0	4.0	•••	0.4	ċ	0.5	0.5	o.5	0.0	0 0
•			0.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.5	•	က် (0.0	0.0	9 0	0 0
2		•	•	3.5	4.0	••0	4.0	•••	0.5	0.5	0.5	0.5	0	0.5	0.0		0.0	5
265	0.5	0.5		5.5	0.5	4.0	0.5	0.5	0.5	0.5	9.5	0.5		0.	0.5	9.5	9.0	2
308			0.5	0.5	0.5	0.5	0.5	0.5	0.5	9.0	9.0	9.0	•	9.0	9.0	9.0	9.0	0
348			0.5	0.5	0.5	5.0	9.6	9.0	9.0	9.0	9.0	9.0	9.0	0.6	9.0	9.0	0	0
385			9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	0
425			9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	0
465	0.0	9.0	9.0	9.0	9.0	0.7	0.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	0.0	5
		7.0		7.0	7.0	7-0	3.7	1.0	0.1	9.0	9.0	9.0	9.0	9.0	9.0	9.6	7.0	0
> <	•			7.0	7 -0	0.7	0.7	1.0	0.7	1.0	0.7	0.7	1.0	0.7	0.1	0.7	0.7	0
, ,	•	0 0	•	8.0	0.8	0.0	2.0	2.0	0.7	0.7	0.7	0.7	1.0	0.7	7.0	0.7	0.7	•
, (•			6.0	0.8	20	0	8.0	0.7	0.8	0.8	9.0	9.0	9.0	9.0	0.8	0.0	0
665	0.0	9.0	0.8	0.8	0.8	2.0	0.8	o.0	0.8	9.0	0.8	0.8	0.8	ю. О	0.8	8.0	0.8	0
202		7.0	C. 7		0.8	5.0	9.9	0.3	0.8	9.0	8.0	0.8	0.0	9.0	0.8	9.0	9.0	0
745		9.0	9.0	•	0.0	1.0	0.1	•	0.7	0.7	0.7	0	2.0	0.7	0.7	7.0	0.0	•
785	0.5	0.5	0.5	0.5	0.5	9	9.0	9.0	9.0	9.0	9 v	9 0	9 0	9 4	o 4	2 0	o v	, 0
828	•	4.0	4.0	•	0.5	0.0	0.5	•	0.0	0.0	0 0	0 0	0.0	0.0	0 0	0.0	2 0	5 0
865		4.0	••0	•	7.	••0	*	•	* ·	* ·	•	7 (5 0	• 4 > c	• •	, ,		
506		••0	4.0	•	4.0	4.0	4.0	•	*	3	\$ ° C	•	•	•	•		•	•

			-	ABLE 5-	2 JUL	TUTAL C	oo anu	CLUUD COVER (\$/100)-N/HEM	H/N- (001	EH								
	M 06	6 5 M	BOM	75K	7.0 M	PC 9	M09	N 5 C	20 M	45x	40H	354	304	2 5 M	20M	154	104	5
N06	6.0		•		6.0	0	6.0	٥.٠	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	0
86N	9.0	0.8	0.8	0.8	0.8	3°	8.0	8.0	8.0	8.0	8 0	8 6	200	0 0	ۍ د د د	200	2 C	2
82N	8.0			•	0 :	0 0	000	200						900	2.0	7.0		0
7 BN	6				9 6	0 5	9.0	2.0			0.7	0	9.0	9.0	9.0	9.0		0
	•	;	•	•	3						,	,	•		,		0	
10N		1.0	•	•	0.7	0.7	1.0	0.1	0.1	2.0		•	• •	•		0 0	• •	
N99		9.0		•	0.1	2.0	7.7	0.1	0.7	2.0	9.0	0.0			0 0	•		
62N	•	9.0	•	•	0.1	0.7	0.8	0.8	9.0						•		•	
5.8N	2.0	0.7	~ · ·	7.0			0 0	2 0	0 0	200		0		6.0	6.0	9 0		
	•	•	•	•	;	;	3											
50N		1.0			0.7	7.0	1.0	P. 0	9.0	6.0	6.0	0.9	0.9	6.0	8.0	9.0	0.7	2 6
46N		3.0			9.0	1.0	2.1	8.0	0.8	0.8	0.8	9.0	0.8	0.8	0.8	2	9.0	0
4 2N	0.5	0.5	0.5	9.0	0.1	1.0	7.0	7.0	0.8	0.7	0.1	0.1	0.1	0.1	0.0	9.0	4.0	0 0
388		9.0	•	•	0.1	1.0	0.7	0.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	0.0	• •	5
345	•	0.7	•		9.0	9.0	9.0	9.0	0.5	0.5	0.5	0.5	0.5	0.5	•••	0.0	•	5
		•	•	•		9	•	5	4	4.0	5.0	0.5	0.5	0.5	0.5	0.5	4.0	0
200			0	9 4				4	4	1		200	0.5	0.5	7.0	0.3	0.3	0
N97		9.0	•			9 6				1				0.5	**0	0.2	0.2	0
2 2N	•	9.0	9	0.0											5.0	4-0	4.0	0
1 8 N	•	~	0.1	9.0	0.5	9.0	0.0	0.0	0.0	0.0	0.0						*****	
10N**																		
25.88	*** ***	*****		****	*	******	******	******	*******	******	*******	*******	******	******	******	******	******	***
65	•	1.0		0	0.5	6.0	0.5	4.0	6.0	4.0	4.0	9.0	•••	0•3	0.3	0.3	•	0
0		0.7		0.3	6.0	0.5	4.0	0.3	0.3	0.3	9.0	0.5	4.0	4.0	0.3	4.0	0	0
4		0.7		0.5	0.2	0.3	0.3	0.3	0.3	e .		0.5	***	**	•	•		
8	9.0	0.7	1.0	1.0	0.3	0.2	4.0	•••	4.0	0.0		0.0	• •	**	•	0	0 0	• c
2		0.7		0.7	••0	o.,	**	0.5	0	6.0		0.0	* 1	•	0 0	0 0	•	
265	9.0	9.0	•	0.7	0.3	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	6.0	0.0	•
		9-0	9.0	0.6	0.2	0.1	0.5	0.5	0.5	0.5		0.5	0.5	0.5	0.5	0.5	0.5	•
4		9.0	9.0	9.0	0.2	0.2	0.5	0.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	0.5	9
0		9.0	9.0	9.0	0.3	0.3	0.5	0.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9 0	5 0
425	9.0	0.7	0.7	9.0	0.3	•••	0.5	9.0	9.0	9.0	9.0	0.1	0.1				• • •	• •
465		0.7	0.1	0.7	4.0	0.5	9.0	9.0	9.0	0.7	0.0	0.0		9.0				•
- 0					0.6	9-0	9.0	9.0	0.7	1.0	0.8	0.8	0.8	8.0	0.8	8.0	0.8	•
9					7.0	7.0	0.7	1.0	0.7	0.8	0.8	0.8	0.8	9.0	0.8	8.0	0.8	c
1					0.7	0.7	0.7	1.0	1.0	8.0	0.8	8.0	0.8	0.8	0.8	9.0	8.0	ċ
9 0		a			7-0	0.7	7.0	7.0	7.0	0.1	0.1	0.8	0.8	0.8	0.8	8.0	0.8	•
599	8.0	0.8	0.0	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.0	1.0	0.1	0.7	0.7	0.7	0.1	·
C			•	0.7	7.0	9.0	9.0	9.0	9.0	9.0	9.0	1.0	1.0	0.7	1.0	9.0	9.0	•
				9.0	9.0	9.0	9.0	0.5	0.5	9.0	9.0	9.0	9.0	9.0	9.0	0.5	0.5	o
7.85	9.0	9.0	9.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	o • •	0.0	0.5	•	•	•	•
~				0.5	0.5	••0	4.0	4.0	4.0	•	•	* ·	* *	† *	÷ 6	200	3 0	5 0
•		•		4.0	4.0	4.0	4.0	•	4.0	0	5 0	•	• •	•	•	1	9	,
0				•••	4.0	4.0	0.4	***	•	•	•	•	•		•	•	•	>

				TABLE 5-	2 JUL	TOTAL C	CLOUG COVER (\$/100)-N/HEM	/ER (\$/)	H/N-(001	EM								
	90	5E	106	15E	20E		30E	35E	406	45E	50E	55E	90 9	65E	70E	75E	80 E	85E
NO O		ò			6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	0.0	6.0	6.0	6-0	6.0	0.0
29 8		•			0.8		0.0	0.8	9.0	8.0	6.0	6.0	0.0	• •	0 0	0		0
82N	0.7	0.8	0.8	8.0	8.0		8 0	0.0	0.0	0		000	0.0			. 6.	0.0	0.0
Z .	•	•	•	•								8.0	8.0	9.0	9.0	0.8	0.8	0.8
24		•	•				•	•	;							,		
10N		•			0.8		0.0	9.0	8,0	8.0	9.0			0		000	000	0
8 6 8		ċ	•	•	0.1		2.0									9	0	9
62N		ċ	•		9.0		•	• •					9.0	•	9	9.0	9.0	9.0
N 0 0	n 1		9.0	0 0	0.0	9 9	9 9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9-0	9.0	0.6
-		•	•	•	3													
SON	9.0	0			0.5		9.0	**0	4.0	4.0	4.0	• •	0.5	0.5	5.0	0.0	0.0	9.0
204	0.5	0	4.0	4.0	4.0	4.0	4.0	0.3	0.3		4.0	4.0	0.3	6-0	* 6	•	•	9
42N	0.3	•	•	•	0.3		0.3	e.0	0.5		•	6.0	7.0	7.0	0.0			9 4
388	0.2	·		•	1.0		0.1	0.2	0.1	•	6.0	5.0		:	•	1		
34N	0.2	•	•	•	0.1		0.1	0.1	0.0	•	1.0	7.0	1.0		•	•	•	5
į	,	•			-		0	0.1	0.0	0.1	0.1	0.2	0.2	0.2	4.0	9.0	0.7	0.8
2 4		0					0-0	0.0	0.1	0.1	0.1	0.2	0.3	4.0	0.5	2.0	0.8	0.8
200		•					0-1	0.1	0.5	0.2	0.1	.0	4.0	9.0	0.1	0.8	0.0	0.8
200		0		•			0.3	4.0	4.0	0.2	0.3	1.0	4.0	8.0	0.8	6.0	6.0	0.8
148		******	******	:	-		*******	******	*******	******	******	•	******	•	******			
10N+	***	********	*** ***	:		*******	********	******	*******	*******	*******	******	******	******		******	*****	
6N++		******		*********		* *												
25**	:			1		0.2	0.2	0	3 0	0.5	0.5	0.5	0.5		0.5	0.5	9.0	0.6
0		;	•	•						}								Č
0		0	9.0	0.2	0.1		0.5	0.3	4.0	•	•	0.0	o o	0 ° 0			000	9
4		0	0.0	•	0.0		0.5	9.0	•	•	• •					0.5	0.5	0.6
8		0	9.0	0.0	•					4	4	4	0.0	0.5	0.5	0.5	0.5	9.0
577	0.0	0 0	0.5	0.0	0.0		0.2	0.3	4.0	4.0	0.5	0.5	0.5	0.5	9.0	9.0	9.0	0.6
,		•										,	į			4	4	4
308	•	ċ	•	•	0.2		0.5	6.0	•	• •							9	9.0
345	•	•	•	•	•		•	•		0	0 0	9	9	9	9.0	9.0	9.0	0.0
388	•	• •	•	•			9	9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	1.0	9.0	0.6
594	0.0	2.0	0.0	0.0	9.0	3	9.0	9.0	0.7	0.7	0.7	0.7	2.0	0.7	0.7	0.7	0.1	0.1
	1				,								6		6.0	8.0	0.8	0.8
505	0.8	0 (0 0	2.0		0 0		5 0	0 0		- æ		0	0.8	8.0	8.0	0.8	0.8
		•		•	9 0	0 0	9 9					8	0.8	0.0	0.8	0.8	0.8	0.8
80 (• c	•	•		0 0	9	200	8	8.0		8.0	9.0	0.0	0.8	0.8	0.8	0
V .	•	• •	•	• •	0.7	200	7.0		0.1	0.1	0.1	0.7	9.0	9.0	9.0	2.0	0.7	0.7
	•	•	•	•										,	,		•	
705		ò	•	•	0.5	0.5	0.5	0.5	0.5	0.5	0.0	•	•	• •	•••	•••	n «	
145	4.0	4.0	**	4.0	4.0	٠ • •	60	m (0.0	0.0	0 0	5 0	0.0	0.0			0.2	0
785		ċ	•	•	0.0	9 6	7.0	2.0	2.0	2.0		0.2	0.2		0.2	0.2	0.2	0
825	•	•	•	•) c	7.0	7.0	y e		0.3	0	0.3	0.3	0	0.3	0.3	0.3	0.3
865		• •	•	•	0 0			4	4.0	4-0	4	4.0	4.0	0.0	4.0	4.0	••	0.4
908	•	•			•	5	•		•	•	•		,		ı			

	2		5	ł												
00E 1		05E	110E	1155	1206	125E	1 30E	135E	140E	145E	150E	15 SE	1 60E	165E	170E	175E
6.	_	6.0	6.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6-0	0.9	6.0	0.9
•	_	0.0	0 0	٠. ت	• •	•	0 0	0.0	6.0	0.0	2.0	0	6.0	6.0	6.0	6.0
		0.0		, x	2	7. 7.	1		0		200	0			000	0 0
	_	1.0	0.7	8.0	0.8	0.8	8.0	0.8	0.8	0.8	0.8	8.0	0.0	8.0	8.0	9 6
7.0		0.1	7.0	0.0	9.0	9.0	7.0	1.0	8.0	0.8	0.9	8.0	8.0	0.8	8.0	0.8
9.0		2.0	0.7	9.0	9.0	9.0	9.0	9.0	7.0	1.0	0.7	7.0	8.0	8.0	0.9	0.8
7.0		0.7	0.7	9.0	9.0	9.0	9.0	9.0	0.7	1.0	0.7	0.7	0.7	0.8	0.8	9.0
9.0		0.7	C. 3	0.1	0.1	0.7	1.0	0.7	0.7	0.8	0.8	0.8	0.8	8.0	6.0	0.9
0.1		0.7	0.1	2.0	0.7	0.7	9.0	0.1	0.1	0.8	0.0	0.0	0.8	6.0	0.0	0.6
7.0		7.0	0.7	0.0	9.0	9.0	9.0	1.0	7.0	0.8	0.0		6.0	0.0	6.0	0.9
		9.0	9.0	0.0	9.0	9.0	1.0	1.0	0.8	0.8	6.0	0.9	0.9	6.0	6.0	0.9
0.5		٥.٠	0.0	3.0	3.0	0.7	8.0	0.8	0.8	0.8	6.0	•	6.0	6.0	6.0	0.9
9.0		9.0	9.0	0.7	0.1	0.8	0.1	0.7	0.8	0.8	9. Q		0.8	0.8	0.8	0.8
0.7		0.7	0.1	0.7	7.0	0.7	0.7	0.7	0.7	0.7	0.7	•	0.7	0.7	0.7	9.0
			7.0	7.0	9.0	9-0	9.0	9-0	0.6	0.0	9.0	9-0	9-0	9-0	5.0	
			0.7	7.0	9.0	9.0	9-0	0.5	0.5	9-0	9.0	9-0	0.5	0.5		
6.0		9.0	8.0	0.7	9.0	9.0	0.5	0.5	0.5	9.0	9.0	9.0	9.0	9.0	9.0	0.5
			1.0	1.0	7.0	9.0	9.0	9.0	9.0	0.7	9-0	9-0	9.0	9-0	9-0	
	* * *															
0.5		0.5	•	7.0	0.4	7.0	0.4	9.6	0.5	0.5	0.5	0.5		0.5	0.5	0.4
0.5		0.5	• • 0	0.4	9. 6	0.3	0.3	0.3	4.0	9.0	0.5	0.5	0.5	0.5	0.5	0.5
0.5		0.5	4.0	4.0	0.3	0.3	0.1	0.5	0.3	0.3	0.5	0.5	0.5	0.5	0.5	0.5
9.0		v.0	•	m r	0.5	0.5	••	·	0.5	0.5	4.0	0.0	S .	0.0	0.0	3.0
0.					- ·			1.0	1.0	1.0	6.0	0		6.0	0.5	0
9.0		9.0	٥.٥	•	0.1	0.1	0.1	0.1		0.1	0.3	••0	••0	0.5	0.5	2.5
9.0		9.0	0.5	4.0	0.3	0.3	0.3	0.2	0.5	0.2	0.3	4.0	0.5	•	0.5	0.5
		9.0	9.0	0.0	5.0	0	0.0	0.5	0.5	0.0	0.0	0.0	0.5	0.5	0.0	0.5
•		•	3	9 .	•	9.0	•	9.0	9.0	0.0	0.0	0,	\$ · 0	•	9.0	9.0
•				9 0	0 0	9.0	9.0	0.0	9.0	0.0	9.0	9.0	9.0	•	9-0	9.0
							••	9.0	9.0	0.0	9.0	9.0	9.0	•	9.0	9.0
8.0	_	8.0	8.0	6.0	8.0	0.7	7.0	8.0	1.0	0.7	0.7	1.0	0.7	0.7	1.0	
	-	9.6	0.8	D.0	9.0	9.O		8.0	8.0	9.0	0.8	0.8	8 °0	9.0	0.8	
8.0		9.0	8.0	8.0	9.0	0.8	0 · 8	8.0	8.0	0.8	0.8	0.8	8.0	8.0	0.8	0.8
		8.0	8	D. 0	9.0	8.0	•	0.8	0.8	0.8	0.8	0.8	0.8	8.0	8.0	
•		7.0	0.1	0.7	9.0	9.0		9.0	9.0	9.0	0.1	0.7	0.7	1.0	0.8	
	-	0.5	0.5	6.0	4.0	4.0	4.0	•	4.0	3.5	0.5	0.5	0.5		9.0	
•		**	•	4.0	•	•	4.0	•	4.0	0.0	4.0	••0	0.5	•	0.5	0.5
			9.0	6.0	5 0	0 0	0 0	•	•	9 0	• •	0 0	• •	4.0	• •	0.0
		1 6) (, ~		, ,			1	1	1		7 4	•		•
• (14		2 4	1) c	, ,		• •		· ·	, (5 0	•		•
			•	:	•	•	•	•	•	•	•	•			•	

	24	***	64.0	84.0	94.0	9.45	0.43	0.45	0.40	96.0	0.35	0.32	0.28	0.25	0.24	1	0.25	67.0	0.65	07.0	97.0	0.26	0.25	0.23	0.20	0.20		0.20	22.0	20.0			0.26	0.29	0	1	;	0.41	****		***		****	****	*****	***	*****	
	30	***		60		S	6	~	0	10	10	~	•	N.			m .	٠.			0	.4				•		61.	200	170	240	,	25	53	9	, ,	y F		-				*****	*	****	***	****	
	1								4.0					0.2				0.2								0.1		0 0	O	> C	> C	•	0.2										****	*****			****	
	154		· v	0.49	0-47	0.45	0.43	0.42	0.41	c. 39	0.35	0.32	0.29	C. 26	0.24		0.22	0.20	0.22	0.25	0.23	0.23	0.22	0.20	0.19	0.18		91.0	3	200	27.0		0.25	0.28	0.32	2 . 0		C-43	0.42				****	****			****	
	20M	******	.5	0.50	64.0	*	*	4	0.38	~	٠,		1	0.25	.2			0-20	7	7	7	•	•	, ,	0.19	0.18		0.18	٠,	7.	ų r	•	.2	0.29		٠,	·	94.0	0.42				*******	*******	*******		*******	
	25W	****	0.52	0.51	0.50	•	•	•	0.37	m	0.36	0.34	0.30	0.25	0.22		0.20	61.0	0.20	0	0.21		4 0	٧	٠.	0.18		0.18	0.17	81-0	17.0	• 7 • 0	C. 25	0.29	0.33	0.39			0.40	***			*******	****	* 1		******	
	304	*****	0.53	5	0.51	14.0	0.41	0.39	0.38	0.37	2.5			0.25	0.23		0.21	0.20	0.2C	0.21	0.21	000	07-0	61.0	0-20	0.20		0.19	0.18	0.20	0-22	0.63	~	0.28	m (η,		0.43	0.40	****			******	******	*****	****	*****	, • •
	35 M	******	-	-	0.51				0.40	m	35			0.26	0.23		0.22	0.20	0.21	0.21	0.21	٠	•	-	•	0.21		0.20	0.20	0.21	77.0	47.0	~	0.28	9	η,	*	0.41	0.40				******	****	******	******	*****	
	404	*****	0.55	0.54	0.52	5	4	4	0.40	۳.	72.0	76.0		0.27	0.24			0.22	7	7	. 2		07-0	51.0	0	0.18		0.18	7	~'	7.	7	0.25	0.28	0.31	0.37	0.42	4	0.39				******	*	******	******	*****	
ŝ	45H	******	: :		0.53	0.51	14.0	0.45	0.40	0.38	•	•	י י	0.28	2		0.23	0.23	0.22	0.20	0.20	•	•	∹.	:-	0.17	•	0.17	7	-	7	7.	~	0.28	٠,	~•	*	0.40	0.39	*****			******		:			, , , , , , , , , , , , , , , , , , ,
PLANETARY ALBEOC IFRACTJONS	MOS.	*****		0.54	0.52	4	•	*	0.38	٣.	•	•	ġ,	000		!	.2	0.23	.2	.2	-2	•	7.	∹.	:-	0 1 8	:	٦.	0.19	7	7	7	-2	0.27		e.	4	~	0.40	******	*******			****	*******	*******		
LBEOC (MS 5	******			0.48	64.0	0.38	0.37	0.37	0.36	,	0.50	66.0	1 2	0.27		0.25	0.24	0.23	0.22	0.21	,	7	7	7.	0.19	:	0.20	0.20	0.21	0.22	0.24	0.25	0.28	0.31	0.35	0.38	64.0	0.40		*****	***			******	****		
ETARY A	809	******	0 . 56		0.45	4		7	0.38		•	•	,	000		:	.2	0.24	.2	7	.2		7	7	7	0.22		7	0.22		~		1	0.30	٣.	۳.	*	14	0.39	*	****	****			******	******		
_	3 0	******		2	0.43	96	5	*	0.37	0.36		0.33	0.30	67.0	0.25		0.25	0.24	0.23	0.23	0.23		0.24	0.25	0.25	0.24		0.23	0.23	0.24	0.25	0.2>	7	0.31	0.35	0.33	0.40	2	****	•	*	******	****		*******	*****	*****	
ALL 1 E-	10M				0.40	c	•	• •		0.35	•	•		67.0	,,	•	0	0.24	7	.2	.2		. 2	.2	?	17.0	4	.2	0.26			. 2	0	0.30		۳.	4.	•	•		* * *	* * *	1	******	***	***	* 1	***
TABLE 5-	75W	******	******			36	•			0.34		0.33	0.31	0.30	97.0	07.0	0.25	0.24	0.23	0.23	0.24		0.25	0.26	0.28	62.0	67.0	~	0.28	.2	.2	7.	90	0.29	0.32	0.36	0.39		0. 30		******	******		****	*		****	***
•	80	********	· · · · · · · · · · · · · · · · · · ·		0.40********		0.00	0.00	0.33	0.33			٠.	0.29	?'		0				0.25		0.25	0.26	0.27	0.28	67.0	2	0.28	7	.2	7.	•	200	-		٣.	,	0.30	*****	*******	******		* *		********	******	*****
	85W	******	*	. 25.	0.40		0.36	0.0	0.0	0.32		0.31	0.30	0.28	C. 27	07.0	25.0	0.24	0.23	0.24	0.25		0.24	0.27	0.27	0.28	0. ZB	0.26	0.27	0.27	0.26	0.25		200	0.30	C. 32	0.34		0.35		*******	*****		*****			* * *	******
	106	****	***	0.53	0.43		0.58	0.90	0.0	0.32		0.31	0.30	0.28	0.27	97.0	76 0	0.23	200	25.0	0.25		0.26	0.27	0.27	0.27	17.0	^	12	N	2	0.25		200	0.30	0.33	0.35		34			******		****			****	** * * * * * * * * * * * * * * * * * * *
		**N06	**N98	80 X	7 8 X		20.	2 2	279	2 4 V		50 P	10×	458	200	24	200	2 4	200	A D	2 4		NOT	29	2N	25	9	_	4	. 40	N	265		200	3.85	425	465		505	585	SS	\$599		105	00	825	865	5

			-	TAGIF 5-	ALL) &	PLANETA	RY AL	BEOU (F	(FRACT IONS	3								
	9	7.	10€	•	20E		30E	35E	40E	45E	50E	55 E	909	65E	70E	5 E	80E	85E
******	*	** **	*	₩.		*****	*****		***	*****	******	******						
***	***	****	物价格 新新 华教教	* + *	:	*****	*			0		ு	0.50	0.51**	*******	*	****	0.51
N	0.49**	****	***	0.50	0.50	0.5	٠, ۱	0,0	. 4	0.45	٠,	•	94.0	14.0	15.0	24.0	74.0	0.47
18V	0.48***	******	· · · · · · · · · · · · · · · · · · ·	0.45	0.45	0.4.0	0 + 0	0.39	0.39	0.40	0.40	•	0.42	•	44.0	*	64.0	· · ·
Z	0						•		•	~	A	0.39	0.39	0.40	4	15.0	0.40	0-40
V07	64.0		0.43	3.42	0.40	C. 3/		•	•	•	0.36	0.37	0.37	0.38		0.38	0.38	0.37
N99	0.43	0.42	0.41	0.40	0.37	6.5	•	٠.	1	٠,٠	0.35	0.35	0.35	0.35	٠,	0.36	0.0	26.00
62N	0.45	0.40	0	0.38	0.30	9	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34	25.0	CC-0	0.36	0.33
53N	0.4.0	0	0.0	35	0.35	0.35		ď.		٠,	0.33	0.33	0.33	0.33	•			
7 + 7	0.0	•					-		•		•	-	-	0.32	6	0.33	0.33	0.33
SON	0.35	0.36	0.35	0.34	3	.c. ;	<u>ش</u> ۱	0.30		٠.		•	3	0.31	.,3	0.32	0.33	0.34
46N	0.31	G. 35	0.33	0.31	0.32	25.0	000	0.26	0.29	0.30	0.30	0.30	0.30	0.30	0.31	0.32	0.34	0 0
45N	0.28	0.32	0.30	0.00	J L	0.25	. `	0.24	.2	7	• 2	\sim	2	0.29	•	0.52		0.36
384	0.26	0.27	07.0	0.63	• `	0.20	.2	0.23		۲,	• 2	~	~	87.0	•	76 -0		
34N	9.54	0.0	0.5									,	٠	7,0	~	0.32	0.35	0.36
		36	0	9.75	0.25	0.42	.2	0.54	~	0.25	0.26	17.0	'n٠	30.00		0.32	0.35	3.36
300	V (0.67	, ,	3.26	2	0.25	0.25	0.25	0.23	0.25	0.25	0.26	0.20	0.25	0.28	0.32	0.34	0.36
200	٧ ٢	37.5		0.27	0.27	0.20		3.25		0.23	47.0	0.65	• •	22.0	. `	C. 31	0.32	0.35
N77	4 (22.0	, ,	0.28	7	0.27	2	0.25		0.23	0.23	0.63	•	200	. `	0.30	0.30	0.32
101	0.27	0.28	0.29	3.29	0.28	0.20	• 5	0.26		0.24	0.63	17.0	•					
							•	,	•	0		0.20	2	0.21	.2	C. 26	0.27	~
100	0.27	C- 28	.2	3.30	?	0.28	7	17.0	? ^	, ,	. ~	0.20	2	0.22	~	0.25	0.25	2
29	0.26	3.26	•	7.31		2.5	0 2 2	0.27	0.27	0.25	0.20	J.2C	0.2C	0.21	0.22	0.23	0.23	2 0
22	0.25	0.26	7	0 . 0	"	2.5	1	0.22	.2	.2		61.0	2	0.20	?'	0.21	0.21	10
25	0.23	0.75	0.27	0.20	0.26	0.25	0.24	0.23	• 2		٦.	0.19	-	0.19	?	0.00		
9	77.0										•		0.	9	-	0.20	2	0.21
	,		C	0.26	2	C. 23	2	~	•	• 5	٦,	81.0	97.0	0 1 0	: -	0-19	~	0.22
501	0.25	0.24	0.24	0.25	0.24	0.23	0.22	0.50	0.20	61.0	91.0	0.0		0.17	0.19	0.20	0.50	0.22
1 8 6	0.25	C. 25	~	9.24	.2	0.27	~	7	٦,	٠,	: `	0.20	0.20	0.21	.2	0.22	~	0.22
225	0-25	0.25	~	3.24	. 2	C-23	• 5	?'	•	•	,	0-22	0.22	0.23	• 2	G. 24	~	0.24
265	0.26	0.76		0.24	2	0.24	7.	7	•	•	:							
1			(6	,	0.22	- 2	0.22	~	0.24	0.25	0.25	0.25	0.25	0.25	0.20
0	0.27	0.27	7	0.60	•	0.25	. ~	0.24	.2	0.25	• 2	0.25	N	ν,	٠,	v		0.34
345	0000	0.29	0.68	0.0	05.00	0.29	3.27	0.27	0.28	0.30	0.30	0.30	0.30	9 4	٦.	7 J	0.41	0.44
0 (0.0	300		0.37	~	0.33		0.34		0.37		0.00	١.	١ ١	*	4	74.0	0.50
V	414	-	****	*****	3	0.37		0.40	4	****				•				
٥	<u>.</u>									*****	****	******	******	******	******	*	0.45	
505			***	*****		0.+0	0				***	******	*	****	****	*		*****
45	*****	*****	*****	* 4				****	***	*****	****	****	*	: :			******	
# S #	: :	****	*****	******				***	*	*****	*****	******	****	****				****
665	*****	****	*****	****	*******	***	*	* * * * * *	*									
					*	*****	*******	*****	******		******	******	*****	*****	*****			
105			*****	*	*	******	******	******	******	****	*****			****	*	*****	******	*****
าเก	*	**********	*******	********	*	*****	******					*****	******	******	******	******	******	****
25	*		***	********		******			*****	******	******	******	******	*****	******	*****	******	
* 5			**	*	*	*****	*******	******	******	*****	*****	*****						
ŝ																		

			•	TABLE 5-	ALL) E	PLANET!	IRY A	L8E00 (FF	FRACT IONS	.								
	90F	956	1005	105	1 1 0E	11%	1 20E	125E	130E	135E	140E	145E	150E	15 SE	1 60E	16 SE	170E 1	75E
							*****	******	*******	******	*	*******		******		******		***
N06	**				*	*****	*	****	*				******			0.55	0.55	0.55
2 2			****		•	0.53	٠,	25	S.	s.	•	A 4		0.0		0.50	0.50	0.50
78N**	******	*****	*	0.45	0.45	24.0	95.0	0.45	0.40	0.40	0	0.43	0.43	\$	0.45	2,45	*	0.45
14N	0.41	0.40	0.40	•	•		•)					0.0	4	4	0 % 5	•	0.40
100	0.38	C. 37	0.36	٠.	•	0.36		0.37	ů.	•	٠,	96.00	0.35	0.35	0.35	0.36	0.36	0.36
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.36	0.35	0.34	۳.	•	0.34	Ç.	0.34			. "		0.33	0.35		0.36	6	0.34
62N	0.34	0.33	0.31	۳.		0.32	٦,	0.32	, .	•	, "	1 10	0.34	0.36		0.36		0.35
28N	0.33	0.32	0.31	0.30	0.31	0.32	0.32	0.33	0.33	0.31	0.32	0.33	0.35	0.37	i,	0.36		0.36
245	0.33	0.33	75.0	•	•	76.0	•								•	96	-	36.0
	-	4		٠,		0.32		•	.3	0.30	0.31	0.32	0.34	0.35	0.33	0.0	0.33	0.35
200		36.0	,	,		0.32	ď.	•	.3	0.29	•	0.31	0.33	0 0	•	0.30		0.32
204		5	0.34	0.33	0.33	0.32	0.31	0.30	0.29	0.28	7.	0.30	10.0	20.00		0.28	N	0.29
A B N		0.36		7	~	0.31	٠.	N		0.27	7.	87.0	0.20	27		0.25	. ~	0.25
2 4	٠.	0.37		٣.		0.31	۳.	\sim		0.26	7.	0.50	97.0					
								,	•		76 0		0.24	0.25	2	0.24	0.23	0.23
3 ON		6	0.36	0.35	~	0.32	•	0.27	Ÿ	0.63	22		0.22	0-23	.2	0, 23	0.23	0.22
26N		C. 38	0.37	0.35	0.35	0.32	0.30	0.26	67-0	67.0	0.22	2.0	0.22	0.23	0.24	0.24	0.23	0.22
2 2 N	6	6	0.37	0.36	6	· 8	?	0.25	ý	0.23	27.0	4 0	0.24	0.23	.2	0.25	0.24	0.22
28		3	0.36	0.35	ŗ.	0.27	7.	67.0	7.	10.0	400	. ^	0.25	0.24	.2	0.26	0.25	0.23
3	0.35	0.35	0.35	0.33		0.25	7	0.22	7	0.53	97.0				1			
							•		C	25.0	•	~	~	0.24	7	0.25	0.24	0.23
NO.	•	0.31	0.31	0.30	?	0.24	7	0.21	, ,	25.0	10	10	~	0.24	.2	0.24	0.24	0.23
20	N	0.28	0.29	0.28	7.	67.0	,,	0.00		0.24	N	~	~	5.	7	0.23	0.23	0.22
2N	N	0.2	0.26	0.25	,,	27.0	•	81.0	: 7	0-20	0.25	0.27	0.27	0.25	0-24	0.23	0.23	0.22
25	0.24	0. 25	0.50	0.23	0.25	200	0.18	0.17	0.18	0.20	~	~	~	0.25	~	0.24	0.23	0.63
65	N	17.0	0.63	77.0	•												,	
	4		•		•	7	7	7	7	0.19	7	. 2	0.21	0.21	7	0.24	47-0	4
0	7	62.23	,,	77.0		0.17	-		7	0.18	0.18	0.17	0.18	0.19	0.22	0.25	0.25	7.0
	7	0.24	,,	0.50	•	0.13	7	7	٦.	0.20	∹	٦.	0.18	0.19	7.	0.25	0.63	u٠
00	7	67.0	•	2000	•	0-20	^	7	.2	0.21	7	7	0.21	07.0	?	0.24	7.0	40
225	0.23	0.23	0.23	0.24	0.24	0.23	0.22	0.22	0.22	0.22	7	.2	0.22	0.22	7	0.63	1.7.0	V
٥	7	17.0	•				1				- 1			,,	٢		0.25	0.26
300		0.05	0.26		.2	0.25	.2	0.23		0.24	0.24	0.25	47-0	0.24	0.25	2.0	0.26	0.27
246		0.28	0.28		0.28	0.27	0.26	0.25	0.25	7	~ 1		v	0.43	,,	. •	0.28	0.29
386	1 (*	0- 32	0.31			c.3		0.26	2	7.	u ,	2	4	2			0.32	0.32
707	1	0.37	0.35		٠.	0.35		0.32	ŗ.	•	•			45	1		0.35	0.35
594	0.45	0.42	0.40	0.34		0.37	ų,	0.35	ŗ.	•	•	۸.	١.		•	١ .		
							•		6	7.5	-	0.39	•	~	0.38	0.40	0.40	3
0	44.0	0.43	0	0	0.38	0.38	0.38		00.0			14		0.40	0.40	*	*	٠
545		***********	0.42	ċ		0.39		0.40	0.00	44444	*****	******	*****	******		÷	*****	****
88		******	*****		* 1				*****	*******		*******	*******	*******	*	*******	•	****
~	****	***	*	*****					******	*******	*	********	*******	******	*******	******	*****	*
65	*****															*******	******	****
705	*******	** ** **	*********	********	*	** ** **	*******	******	******						******	*******	******	*****
745#	*****	**** ****	***	*		****	*****					******	******	*******	*******	*******	******	*****
785*	*****	* * 3	*****	****						******	******	*******	******	******	******	*******	******	****
8251	****	*	****				*****	******	******	******	******	******	******	******	******	******	*****	
865	*******	*******	*******					*****	******	*******	******	*******	******	******	*******	******	*****	****
90S	******	******	*****	*	******													

			1	TABLE 5-	(ALL) 4	LCNGW	JJA) LGNGWAVE RADIATION (100 LY/DAY)	ATION (100 LY	DAY								
	200	175W	1 70W		160W	155#	150W	1458	H041		130W	125W	3	MS 11	MO	-	1001	M56
##N00		******	****	****	******		*****											
5N.		**********	* *											* * :				
78N**	*****		* *			* *												
70N***											1 1	::			* * '		7.7	
Z	*******					: :	******	:	******		******	* !	****	****	6.60	4.90	06.4	4.75
28V	4.75***	7.7	4.75	4.75	4.7	*****	4.75	4.75	4.75	4.75	4.75	4.13	4.13		•	:		à
2		•	T			75 7	06.4	06.4	06.4	4.90	06.4	06.4	5.04	5.04	5.04	5.04	5.04	5.04
50N	4.90	4.90	4.50	06.4	•	8	5.04	5.0	5.04	5.04	5.04	5.04	5.18	2.18	; -	01.0		2
46N	06.4	06.4	5.04	7.04	5.04	2	5.18	5.18	5.18	5.04	5.18	5.18	5. L	5,33	. 6	5,33	5.33	5.18
42N	-	40	5.18	5.18		5.18	5.18	5.33	5.18	81.5	5.33	5,33	5.33	5.33		5.33	5.33	5-33
362	5.33	5.18	5.33	5.33	•	5.33	5.33	2.41	2.33									
					1		27 3	6 42	5.47	5.47	5.47	5.47	5.33	5.33	5.33	2.47	7.4.	
300	4	5.47	4.		5.33		6 4 2	5. 76	5.62	5.62	5.47	5.47	5.33	5.33	٠,		2000	5.67
26N	9	29.65	9		100	7.4	5.62	5-76	5.62	5.62	2.47	2.47	5.33	5.33	٦.	00.00		5.18
22N	9	5.62	9.	•	75.0	2.4	5.47	5.62	5.62	5.47	2.47	5.33	5.33	2.18	: -	90.0	40.4	5.04
1 8N	2.47	5.47	5.47	5.33	5 . 2 3	2.47	5.47	5.62	5.47	2.47	2.41	5.33	5.33	2.18	7			
7 + T	ď.	5.33	٠.	•									6 23	5.18	c	06.4	4.90	4.90
	•	6 33	~	5.18	5.18	5.33	5.33	2.47	5.33	5.33	5.33	20.0	5,33	5.18	5.18	4.90	4.75	4.75
20	: -	A		0	5.18	5.33	5.33	5.33	2.47	2.47		5 47	5,33	5.33	7	5.04	4.90	4.90
2 2	91.4	7.5	5.16	5.18	5.33	5.33	2.47	5.47	5.62	5.62	200	5.62	5.47	5.47		5.18	5.18	5.18
20	-	5.47	3	5.62	5.62	29.6	2.62	29.6	0.0	2. 4	5.76	5.62	5.62	5.62	4	5.33	5.33	5.33
200		5.62	9	9	5.62	5.70	2.90	2.40	2.40		;					!		
3)					į		00	6.90	5.76	92.5	5.76	5.62	29.65	5.47	5.47	5.33	0.00
0		2.47	29.6	5.62	5.76	0 0 0	5.76	5.76	5.76	5.76	5.76	29.6	5.62	5.62	74.0	7.4.	6.4	5,33
•	4	5.47	5.62	5.62	2000		5.62	5.62	5.62	5.62	29.6	29.6	5.47	5.47	700	5	5.33	5.33
8		5.33	74.6	•	5.33	5.33	5.33	5.33	5.33	5.33	5.33	5.33	5.33		5.18	5.18	5.18	5.18
225	5.33	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	01.0	01.0					
٥.	•								00	00.4	05.9	4.90	4.90	4.90	٥.	4.90	06.4	4.90
308	0	5.04	•	5.04	3,	5	7. 7.	7. 7.	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
348	0	4.75	٠,	06.4			19.4	4-61	4.61	4.61	4.61	4.61	4.61	19.	٠,	33	10.4	4
388	-	4.75	•		•	4.	4.46	4.40	4.46	4.46	4.46	9.40		2 2	٠,	4.18	4.32	4.32
425	4.40	2.40	25.4	7	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.36	1.36	100	•			
467	•	4.36	:								9	8 1 4	4.18	4.18	4.03	4.03	4.18	4.03
200	-	4.10	4.18	4.32	٦.	4.18	4.18	4.18	9 6	01	7	.03	4.03	4.03	+.03	3.89	4.03	3.89
200	100	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4,03	000	000	3.89	3.89	3.89	3.89	3.89	3.89	3.74
SAC	3.74	3.89	3.89	3.89	3.49	3.89	3.89	20.0	3 60	3.60	3.60	3.60	3.74	3.74	3.74	3.60	3.60	3.60
426	9	3.60	٠.	3.60	•	3	3.60	00.0	44.6	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46
665	~	3.31	۳.	3.31	~	3.31	0											
					•	2	20.6	1.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	30.0
705	3.02		3.02		.	20.00	2.88	3.02	3.02	3.02	3.02	3.02	3.02	3.02	٠,	2.85	2 76	2.74
145	2.74		2010		٠, ١	2.59	2.74	2.88	2.88	2.88	2.88	2.88	41.7	2 60		2.59	*****	*****
785	2.59	2.59	2 30	*	*******	*****	2.59	2.74	2.74	2.74	2.74	÷ / • 7	46.54	******	******	*****		******
825	9	1			**	* ** ** * *	*****	2.54	2.53	2.59	2.59			*****		*	******	****
908		*		*	:	******	*****	****	*									

				TAPLE 5-	(ACC) +		LENGWAVE RADIATION		(100 LY/ DAY)	/ DAY)								
	X 06	85%	406	15w	MC7	6.2	808	S 5 m	50M	45H	40H	35 h	3 0 M	N 5 7	20M	1 5M	104	7
8	***	*	****	***	*	* * * *	***	* * * * * * * * * * * * * * * * * * * *	*	* 1	***	* * * * * * * * * * * * * * * * * * * *	*****	* * * * * * * * * * * * * * * * * * * *	*****	* *	*******	***
86N## 82N##	****	* * *	******	医骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨	* *	******	******						: :	***			4.32**	*
78 N**	8N************************************	*****	******	*******	* 4	# #	******	******	*******	*****	******	****	********	*****	*****	4.32	4.32**	4.32
						1											44 4	6. 13
10N	****	***	* * * * *	***		****	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	****	****					***	4.40	4.4	4.66
6.2N##		******					****	* * *	* * * *	*****	*	****	*******	*	****	4.61	4.61	4.46
7 8	4.7	4.75	4.75	4.75	4.1	5	*****	****	*	****	******	*	*		****	4.61	19.4	4.51
248	4.75	4. 75	4.75	4.75	4.75		******	*****	*****	****	* * * * * *	******	****	*	* * * *	4.75	4.15	10.4
5 ON	06.4	05.4	30.4	4.75	•	4.73	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	• 75	4.75	4.75
194	5.04	0,00	06.4	06	•	3, . 1	06.4	4.75	06.4	06.4	06.4	06.4	6.40	06.4	06.4	4.90	06.4	5.04
454	5.04	5.04	04.4	4.90	4.30	4.50	06.4	4.90	5.04	5.04	5.04	5.04	5.04	5.04	5.04	5.04	5.04	2.18
367	5.18	5.04	5.04	06 . ,	•	4.90	5.04	5.04	5.18	5.18	5.18	5.18	5.18	5. 18	5.18	5.18	5.55	74.0
348	5.18	5.18	5.04	4.50	•	5.8	5.04	5.18	5.13	5.18	5.18	5.33	5.33	5.33	5.33	5.33	7 * * C	20.0
300	5.33	31.5	50.00	5.34	•	30.0	=	5.18	٠.	٠.	5.33	5.33	5.41	5. 47	2.47	5. 52	5.62	5.76
26N	5.33	5.18	>0.0	5.04		5.5	7	5.18	.3		5.33	5.47	2.47	5.62	5.62	5.62	5.76	5.76
22N	5.18	5.18	40.	5.34	5.04	5.04	81.5	5.18	5.33	5.33	5.47	5.47	2.47	29.6	5.05	29.6	29.6	29.6
181	5.04	5.04	>000	06.		5.10	7	5.33	٠.	٠,	2.47	2.47	2.47	5.47	29.6	29.5	5.62	5.47
241	06.4	5.04	06.4	6.40	•	5.18	Ξ.	5.33	٣.	•	2.41	2.47	2.47	2.47	2.47	2.47	2.4.5	5.33
NO	03	7	69.4	1	00.4	4	6	5 33	5. 3.5	2.47	2.47	5.47	2.47	5.47	5.47	5.47	5.33	5, 33
5 4	,	000	75	,		200			27.5	5 47	5 47	2.4.7	27.7	5.47	5.47	5.33	5.33	5.55
2 7	000	26.90	000		200	, v	2.6	5 23	2 . 7		5.47	2.47	5.47	5.47	5.47	5.47	5.33	5.33
2 0		50	2		70.0	2	5.33	5.47	5.67	5.62	5.62	5.67	5.62	5.62	5.62	5.62	5.4.3	5,33
6 5	5.33	5.33	5.33	5.33	5.33	3.35	5.47	5.62	5.62	5.76	5.62	5.02	5.62	5.76	5.62	5.62	2.41	5.33
5																		
108	J. 1	5.33		2.47	4.	2.47	29.6	5.76		5.76	5.16	5.62	5.76	5.76	5.76	29.62	5.47	5.47
, ,	<u>.</u>	5.33	4	2.47	4	5.62	5.76	5.50	6	5.70	2.76	29.6	5.76	0.0	2.10	20.0		
225	ن ر	5. 53	2.	5.47	4.	3,	5.62	0.40		5.62	5.62	7.4.	29.6	20.0	20.0	20.0	7.4	
265	5.18	5.18	5.18	5.18	5.18	5.55	5.33	5.33	5.33	5.33	5.18	5.18	5.18	5.33	5.33	5.33	5.18	5.18
														č				ć
305	00.	\$0.4	00	, O. C.	•	2.04	9.	5.18	2.04	20.04	20.0	7.04	, O ,	7.0	000	01.0	70.0	4.75
346	4.17	1	4.13	4. 46	4.17	6 4	4.61	4.6	4.61	6.61	4.61	4.61	4-61	4.61	4.75	4.75	4.61	4.46
425	4.32	4. 32	4.32	4.32	٠.	7	7	4.32	4.32	4.32	4.40	4.40	4.46	4.46	4.46	4.32	4.32	4.32
465	4.18	4.18	4.16	4.18		4.18	∹.	4.18	4.18	4.18	4.18	4.32	4.32	4.32	4.13	4, 18	4.18	4-18
505	0	0.3	4.03	4.03		4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03
545	3.89	3.49	3.89	3.89	3.89	4.03	3.89	3.89	3.89	3.89	10	3.89	3.83	3.89	3.89	3.89	3.89	3.89
585	3.74	3.74	3.14	3.74		3.4,	3.89	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74
625	3.60	3.00	3.60	3.60		3.00	3.50	3.40	3.60	3.60	3.60	3.60	3.60	3.46	3.46	3.46	3.46	3.46
999	3.46	3.46	3.46	3.46	3.46	3.40	3.40	3.31	3.46	3.46	3.46	3.46	3.45	3.31	3.31	3,31	3.31	3.31
705	3.17	3.17	7	3.17	-	3.02	3.17	3.17	3.17	3.31	3.31	3.31	3.17	3.17	3.02	3.02	~	3.02
745	2.00	3.04	0	3.02		******	****	****	3.02	3.02	3.02	3.02	2.88	2.88	2.88	2.88		2.88
785	2.74	2.74	~	2.14	.488	****	*****	-	2.86	2.68	2.98	2.74	2.74	2.74	2.74	2.74	2.74	7.14
	5.59	5.59	5.59	5.59	2.74**	*	*****	****	2.74	2.74	5.59	5.59	5.59	2.74	5.59	2.59**	*	* * * *
	****	2.45**	***		.59**	****	****	****	5.59	2.59**	*****	******	****	2.45**	****	*****	*	* * * *
#	******	****	化物质 化非常非常非常的 医沙耳氏	****	****	*****	*********	*****	******	******	******	*****	*****	* * * * * *	*****	*****	*****	* * * * *

1.12 1.12 1.13 1.13 1.13 1.13 1.13 1.13	4.32 4.32 4.46 4.46 4.46 4.46 4.46 4.46 4.46 4.4	7.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4		6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2004		5.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		5.04 5.04 6.04	5.04 5.04 5.04 5.04 5.04 5.04 5.04 5.04	55.47 55.47 55.47 55.47 55.47 55.47 55.47 56	24.00 00 00 00 00 00 00 00 00 00 00 00 00	4.75 4.75 4.75 5.18 5.18 5.18 5.18 6.90 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4	4.90 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00
4.32 4.32 <td< td=""><td>4.32 4.32 4.32 4.32************************************</td><td>**************************************</td><td></td><td>7</td><td>25.62 5 5 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6</td><td></td><td>5.00 5.00</td><td></td><td>4.90 5.18 6.90</td><td>44.0 40.0</td><td>50.000</td><td>444 000 00 44 200 00 44 200 00 44 200 44 640 200 44</td><td>7.00</td><td>4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4</td><td>5.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td></td<>	4.32 4.32 4.32 4.32************************************	**************************************		7	25.62 5 5 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6		5.00 5.00		4.90 5.18 6.90	44.0 40.0	50.000	444 000 00 44 200 00 44 200 00 44 200 44 640 200 44	7.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4.32 4.32 4.32 4.32 4.32 4.32 4.32 4.32	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25	25.47 25.47 26.25 27.47 27	75 90 90 90 118 126 126 133 133 133 133	5.00 5.00		4.90 5.18 6.90	4.40 4.90 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00	50000000000000000000000000000000000000	44.4 0.00 0.44 20.00 0.44 20.00 4 4 20 0.44 20.00 4 4 20 0.44	5.18 5.04 6.90 6.90 6.90 6.90 6.90 6.90 6.90	*** *** *** *** *** *** *** *** *** **	*** **** **** **** **** **** **** **** ****
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	4.32 4.32 4.32 4.32 4.46 4.46 4.46 4.46 4.46 4.46 4.61 4.61 4.75 4.90 4.75 4.90 5.04 5.04 5.04 5.08 5.04 5.04 5.08 5.04 5.04 5.08 5.04 5.00 5.76 5.90 5.90 5.76 5.90 5.90 5.76 5.90 5.90 5.76 5.90 5.90 5.78 5.90 5.90 5.18 5.18 5.18 5.18 5.18 5.18 5.18 6.19 5.18 5.18 6.19 6.05 6.05 6.10 6.05 6	444 00000 00000 04400 00000 00000 00000 00000 00000 00000 0000		7. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	2004 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	75 90 90 90 90 90 90 90 90 90 90 90 90 90	5.44 5.44 5.44 5.44 5.44 6.44	75 90 90 90 90 90 75 76 13 13	*** **********************************	40.00000000000000000000000000000000000	5.18 5.18 5.18 5.18 7.18 7.18 7.18	444 0000 00 00 00 00 00 00 00 00 00 00 0	5. 18 5. 0.4 6. 9.0 6. 9.0 7. 9.0	7. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	** ****** **** **** **** ** ****** **** **** **** **** **** **** ****
	4.32 4.32 4.46 4.46 4.46 4.46 4.61 4.61 4.61 4.61	4444	I II	1 11	**************************************	75 90 90 90 90 90 90 90 90 90 90 90 90 90	5.44.5	64.90 64.90 64.90 64.90 64.90 64.90 64.90 64.90 65.02 65.03 65.04 65.05 65	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	5.04 5.04 5.04 5.04 5.04 5.04 5.04 5.04 5.04 6.04	444 000 00 44 200 00 00 44 200 00 00 44 200 00 00 00 00 00 00 00 00 00 00 00 00	5.04 5.04 5.18 5.18 5.04 6.40 6.40 6.40 6.40	4.4.4 4.90 5.04 6.90 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	
	4.46 4.46 4.46 4.61 4.518 4.61 4.618 4.61 4.61 4.61 4.75 4.75 4.90 4.75 4.90 4.75 4.90 5.04 5.04 5.04 5.04 5.05 5.02 5.02 5.02 5.03 5.03 5.03 5.03 5.03 5.03 5.03 5.03	5 5 5 6 2 2 3 3 3 5 6 6 7 5 6		* *		75 90 90 118 133 76 76 162 163 163 163 164 165 165 165 165 165	5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 6.00	* *	**************************************	**************************************	5.04 5.04 5.04 5.04 5.04 5.04 5.04 5.04	* * * * * * * * * * * * * * * * * * *	5.04 6.04	******	* * * * * * * * * * * * * * * * * * *
Color Colo	5.16 5.16 5.16 5.16 5.16 5.16 5.16 5.16	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4	*			64.90 64.90 64.90 64.90 64.90 65.04 65.04 65.76 65.76 65.76 65.33	*	**************************************	±	5.04 5.04 5.04 5.04 5.04 5.04 5.05 5.04 5.04	444 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.04 5.18 5.18 5.18 6.04 6.90 6.90 6.90 6.90 6.90 6.90	444 WWWW 4444 44	7. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.
Color Colo	4.46 4.46 4.61 4.75 4.90 4.75 4.90 4.75 4.75 4.90 4.77 4.90 5.04 5.04 5.04 5.04 5.04 5.05 5.02 5.02 5.02 5.02 5.02 5.02 5.03 5.03 5.03 5.03 5.03 5.03 5.03 5.03	444 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6			de de fullitation and another an		4.4.45 4.4.40 4.40 4.	5.04 5.04 5.04 5.04 5.04 5.04 5.04 5.04 6.04	4, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,	44.44 44.44	6. 10 6.	*******	* ૧૧ ભૂળળળળ ઌ ૧૧૧૧	***	**** 4.0.4.4 4.4.4
**************************************	4.91 4.75 4.95 4.75 4.90 4.75 5.04 5.04 5.04 5.04 5.04 5.04 5.04 5.0				4.4 Menterana antinanana anti	.90 .90 .90 .93 .76 .76 .76 .93	64.40 64	64.90 6.00 6.00	4.90 4.90 4.90 5.00	0,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.040 5.040	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.04 5.18 5.18 5.18 5.04 5.04 5.04 5.04 5.04 5.04	14	44.4 44.4
**************************************	5.04 5.04 5.04 5.05 5.05 5.05 5.05 5.06 5.06 5.06 5.06				4 Character attractors at		6.90 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	6.90 6.90 6.90 6.90 6.90 6.90 6.90 6.90	4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5.04 5.04 5.62 5.62 5.63 5.63 5.18	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5		44.4 44.4
4.90 4.75 4.26 5.04 <th< td=""><td>5.04 5.04 5.04 5.04 5.04 5.02 5.02 5.04 5.04 5.03 5.03 5.04 5.04 5.04 5.04 5.04 5.04 5.05 5.05</td><td></td><td></td><td></td><td></td><td>104 104 105 105 105 105 105 105 105 105 105 105</td><td></td><td>5.04 5.33 5.46 5.46 5.33 5.33 5.33</td><td>5.04 5.18 5.62 5.62 5.76 5.33 5.33 5.18</td><td>4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6</td><td>5.18 5.43 5.62 5.62 5.62 5.47 5.47 5.04</td><td>5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5</td><td>5.00 5.118 5.118 5.00 5.00 6.00 6.00 6.00 6.00 6.00</td><td>4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4</td><td>5.00 5.00</td></th<>	5.04 5.04 5.04 5.04 5.04 5.02 5.02 5.04 5.04 5.03 5.03 5.04 5.04 5.04 5.04 5.04 5.04 5.05 5.05					104 104 105 105 105 105 105 105 105 105 105 105		5.04 5.33 5.46 5.46 5.33 5.33 5.33	5.04 5.18 5.62 5.62 5.76 5.33 5.33 5.18	4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	5.18 5.43 5.62 5.62 5.62 5.47 5.47 5.04	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5.00 5.118 5.118 5.00 5.00 6.00 6.00 6.00 6.00 6.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5.00 5.00
9.00 4.77 4.50 5.04 <th< td=""><td>5.04 5.04 5.04 5.04 5.04 5.02 5.02 5.02 5.02 5.02 5.02 5.02 5.02</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>118 118 118 147 162 162 18</td><td></td><td>104 104 104 104 104 104 104 104 104 104</td><td></td><td>5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00</td><td>50.00 50</td><td>6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6</td><td>5.62 5.47 5.62 5.47 5.33</td><td>0000 0000 0000 0000 0000 0000 0000 0000</td><td>5.00 5.00</td><td>7,000 1,144 1,440 1,400</td><td>4.000 4.0000 4.000 4.000 4.000 4.000 4.000 4.000 4.000 4.000 4.0</td></th<>	5.04 5.04 5.04 5.04 5.04 5.02 5.02 5.02 5.02 5.02 5.02 5.02 5.02		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	118 118 118 147 162 162 18		104 104 104 104 104 104 104 104 104 104		5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00	50.00 50	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	5.62 5.47 5.62 5.47 5.33	0000 0000 0000 0000 0000 0000 0000 0000	5.00 5.00	7,000 1,144 1,440 1,400	4.000 4.0000 4.000 4.000 4.000 4.000 4.000 4.000 4.000 4.000 4.0
5.16 5.10 5.10 5.10 5.10 5.10 5.10 5.10 5.10	5.04 5.04 5.04 5.04 5.04 5.04 5.04 5.02 5.02 5.02 5.02 5.02 5.02 5.02 5.02		**************************************			. 18 . 33 . 76 . 76 . 76 . 33 . 18		5.14 5.75 5.75 5.75 5.33 5.33 5.33	5. 15 5. 62 5. 62 5. 76 5. 62 5. 83 5. 18	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5.47 5.62 5.62 5.62 5.47 5.18 5.18	00000000000000000000000000000000000000	5.18 5.18 5.18 6.49 6.49 6.49 6.49	7,7, 1,1,1, 1,1 0,0, 1,1,1, 1,1 0,0,0,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	444 444 444 445 445 445 445 445
5,116 5,116 5,118 5,118 5,118 5,118 5,118 5,118 5,118 5,118 5,118 5,118 5,118 5,118 5,118 5,119 5,118 5,118 5,118 5,118 5,118 5,108 <th< td=""><td>5.18 5.18 5.18 5.47 5.47 5.47 5.47 5.47 5.47 5.47 5.47</td><td>20.00 20.00</td><td>5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00</td><td></td><td></td><td></td><td></td><td>5.16 5.16 5.16 5.18 5.18</td><td>5.62 5.62 5.76 5.76 5.83 5.18</td><td>6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6</td><td>5.62 5.62 5.62 5.47 5.33 5.04</td><td>000 000 4 000 000 000 000 000 000 000 00</td><td>5.18 5.04 5.04 6.15 6.61</td><td>5, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,</td><td>4.32 4.32 4.32 4.33 4.33 4.33</td></th<>	5.18 5.18 5.18 5.47 5.47 5.47 5.47 5.47 5.47 5.47 5.47	20.00 20.00	5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00					5.16 5.16 5.16 5.18 5.18	5.62 5.62 5.76 5.76 5.83 5.18	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	5.62 5.62 5.62 5.47 5.33 5.04	000 000 4 000 000 000 000 000 000 000 00	5.18 5.04 5.04 6.15 6.61	5, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	4.32 4.32 4.32 4.33 4.33 4.33
5,02 5,47 5,41 <td< td=""><td>5.02 5.47 5.47 5.47 5.62 5.62 5.62 5.62 5.62 5.62 5.62 5.62</td><td>86. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20</td><td>55.55 55.55 55.56 55.56 55.56 55.56 56.56</td><td></td><td></td><td>76 76 76 76 33</td><td></td><td>5.16</td><td>5.76 5.76 5.76 5.83 5.18</td><td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>5.76 5.62 5.47 5.33 5.18</td><td>2</td><td>5.18 5.04 4.90 4.75 4.61</td><td>4.90 4.45 4.46 4.46 4.46</td><td>4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4</td></td<>	5.02 5.47 5.47 5.47 5.62 5.62 5.62 5.62 5.62 5.62 5.62 5.62	86. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20	55.55 55.55 55.56 55.56 55.56 55.56 56.56			76 76 76 76 33		5.16	5.76 5.76 5.76 5.83 5.18	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.76 5.62 5.47 5.33 5.18	2	5.18 5.04 4.90 4.75 4.61	4.90 4.45 4.46 4.46 4.46	4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4
5.62 5.62 5.62 5.62 5.62 5.62 5.62 5.62	5.62 5.62 5.62 5.76 5.40 5.76 5.40 5.40 5.40 5.40 5.40 5.40 5.40 5.40	3 3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2			76 76 62 33		5.76	5.76 5.62 5.83 5.18	5.47 5.47 5.47 5.04 4.90	5.62 5.47 5.33 5.18	840.4 400.4 400.4	5.04 4.90 4.75 4.61	4.46 4.46 4.46 4.46	4.461
5.76 5.40 5.40 5.40 5.40 5.40 5.70 5.70 5.70 5.70 5.70 5.70 5.70 5.7	5.76 5.76 5.90 5.90 5.65 5.90 5.65 5.90 5.05 5.05 5.05 5.05 5.05 5.05 5.0		5.5.3 5.3.3 5.3.3 5.3.3 5.3.3 10	.7.5 .76 .47 .47 .90		76 76 62 33		5.76 5.76 5.62 5.33 5.18	5.76 5.76 5.83 5.18	5.40 5.47 5.47 5.04 4.90	5.62 5.47 5.33 5.18 5.04	5.84 5.00 4.90 5.90 5.90	5.04 4.90 4.75 4.61	4.46 4.46 4.46 4.46	4.4.4 1.4.4 1.4.4 1.4.4 1.4.4 1.4.4
5.76 5.76 5.70 5.00 5.00 5.00 5.70 5.70 5.70 5.70	5.76 5.90 5.40 5.62 5.75 5.47 5.62 5.86 5.90 5.05 5.05 5.05 5.05 5.05 5.05 5.05	2000 W 027 031 W 000 031 W	25.5.2 25.5.2 25.5.3 25.5.3 10.3	. 47 47 47 18 18		76 62 33 13		5.76 5.62 5.33 5.18	5.76 5.62 5.33 5.18	5.62	5.47 5.33 5.18 5.04	5.04 5.04 4.00 7.15	4.90 4.61 4.61	4.4 4.4 4.4 4.4 6.4 6.4 6.4	4.32 4.32 4.32 4.32 4.32
5.76 5.40 5.00 5.00 5.00 5.00 5.76 5.62 5.62 5.62 5.62 5.62 5.62 5.47 5.33 5.00 4.01 4.01 5.47 5.42 5.62 5.47 5.43 5.30 5.30 5.30 5.30 5.30 5.30 5.30 5.3	5.76 5.90 5.00 5 5.62 5.77 5.47 5.60 5 5.18 5.18 5.04 6.90 6 5.18 5.18 5.18 5.18 5 5.18 5.18 5.18 5.18 5 6.10 6.90 6.90 6.90 6.90 6.90 6.90 6.90 6.9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.5.5 5.5.5 5.5.5 5.5.5 5.5.5	62 67 18 18		. 33 13		5.62 5.33 5.18	5.83 5.18	5.33	5.33 5.18 5.04	5.04 4.90	4.45	4.46 4.46 4.46 4.46	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
5.18 5.16 5.33 5.33 5.35 5.18 5.18 5.18 5.18 5.13 5.33 5.33 5.18 6.50 6.50 6.50 6.50 5.18 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.50	5.47 5.47 5.40 5.90 5.81 5.18 5.18 5.18 5.18 5.18 5.18 5.18	33 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5.33	18 90		133		5.33	5.33	5.33	5.18	4.90	4.61	4.46	4.32 4.46 4.46
5.18 5.19 5.04 5.05 5.05 5.05 5.05 5.18 5.18 5.10 5.10 5.04 5.04 5.04 5.04 5.04 5.04 5.04 5.0	5.18 5.18 5.04 5.04 5.04 5.04 5.18 5.18 5.18 5.18 5.18 5.18 5.18 5.18	33 75 75 18	5.33 5.34 5.75	90.		.19		5,18	5.18	5.04	5.04	4.75	4.46	4.46	4.32
5.18 5.04 5.04 5.06 4.75 4.01 4.75 4.90 5.04 5.04 5.04 5.04 4.90 4.75 4.75 4.61 4.46 4.46 5.18 5.04 5.04 6.90 4.75 4.75 4.75 4.75 4.75 4.75 4.75 4.75	5.18 5.04 4.90 4 5.18 5.04 4.90 4 5.18 5.04 4.90 4 5.18 5.18 5.18 5.18 5 5.33 5.33 5.33 5.33 5 5.33 5.33 5.33	75 75 75 18	3.4.4	90.					06.4	96.4				4.46	4.40
5.18 5.04 6.04 5.04 6.05 6.05 6.05 5.04 6.90 5.04 6.90 6.06 6.90 6.90 6.90 6.90 6.90 6.90	5.18 5.04 4.90 4 5.04 5.08 5.18 5.18 5.18 5.18 5.18 5.18 5.18 5.1	.04 .75 .75 .04	3.4.	.90					7.90	7.90		•		4.61	4
5.18 5.04 4.90 4.75 4.75 4.75 4.90 5.04 5.04 4.90 4.75 4.75 4.75 4.75 4.75 4.75 4.75 4.75	5.18 5.04 4.90 4.90 5.18 5.18 5.18 5.18 5.18 5.18 5.18 5.18	7.5 7.5 0.4	4.75	75		•0•	06.4	5.04			4.75	٠.	4. 40	100	4
5.18 5.04 4.90 4.75 4.75 4.01 4.75 4.01 5.18 5.04 5.04 5.04 5.04 4.90 4.90 4.90 5.08 5.08 5.08 5.08 5.08 5.08 5.08 5.0	5.18 5.18 5.18 5.18 5.18 5.18 5.18 5.18	.75 .04 .18	10.4			06.	5.04	5.04	06.4	4.13	4. (3	۰۰	1004	4.75	
5.18 5.18 5.18 5.04 5.04 4.40 5.04 5.18 5.18 5.13 5.18 5.18 5.18 5.18 5.18 5.18 5.18 5.18	5.18 5.18 5.18 5.18 5.18 5.18 5.33 5.33 5.33 5.33 5.33 5.33 5.33 5.3	.18		.75		•0•	5.18	2.04	5.04	4.13	40.70	•	7	00.4	4.9
5.13 5.18 5.18 5.18 5.14 5.04 5.14 5.33 5.33 5.47 5.47 5.47 5.43 5.33 5.33 5.33 5.33 5.33 5.33 5.33	5.18 5.18 5.18 5.18 5.18 5.33 5.33 5.33 5.33 5.33 5.33 5.33 5.3	.18	4.40	•0•		.18	5.33	5.18	5.18	0.0	0.00	•	5.18	81.5	5.0
5.33 5.33 5.33 5.34 5.35 5.10 5.33 5.47 5.62 5.62 5.62 5.62 5.62 5.62 5.62 5.62	5.33 5.33 5.33 5.33 5.33 5.33 5.33 5.33		5.04	.18		• 33	2.47	2.41	5.33	2.33	01.0	•			
5.33 5.33 5.33 5.33 5.34 5.35 5.18 5.34 5.47 5.62 5.62 5.62 5.62 5.62 5.62 5.62 5.62	5.33 5.33 5.33 5.33 5 5.33 5.33 5.33 5 5.18 5.33 5.33 5 5.18 5.18 5.18 5 5.04 5.04 5.04 5 6.75 4.90 4.90 4			•		•	67 3	4	5. 47	4	5.47	4	•	60	5.10
5.33 5.33 5.33 5.33 5.34 5.34 5.47 5.62 5.62 5.76 5.62 5.62 5.62 5.62 5.62 5.62 5.62 5.6	5.33 5.33 5.33 5.33 5.34 5.35 5.33 5.33		5.18	'n		•	20.0	•	6 4 3	N.	5.62	9		٠	5.3
5.18 5.13 5.33 5.33 5.33 5.34 5.47 5.47 5.62 5.62 5.62 5.47 5.47 5.43 5.33 5.33 5.33 5.33 5.33 5.33 5.33	5.33 5.33 5.33 5.33 5.33 5.33 5.33 5.33		5.33	4	20	0 4	5.76	٠,	5.62	, •	5.62	9.	•		5.47
5.18 5.18 5.18 5.18 5.13 5.33 5.34 5.37 5.47 5.47 5.47 5.47 5.33 5.33 5.33 5.33 5.33 5.33 5.33 5.3	5.18 5.18 5.18 5.18 5 5.18 5.18 5.18 5.18 5 5.04 5.04 5.04 5 5.4.75 4.90 4.90 4	'n	2.47	* .	70	•	5.62	. 9	5.47	3	5.47	4	4	3	5.3
5.04 5.04 5.04 5.04 5.05 5.18 5.18 5.18 5.18 5.18 5.18 5.18 5.1	5.18 5.18 5.18 5.18 5 5.04 5.04 5.04 5 6.75 4.90 4.90 4.75 4.15 4.15 4.15 4.15 4.15 4.15 4.15 4.1	•				4	5.47	4	5.33	3	5.33	3	3	~	2.1
5.04 5.04 5.04 5.04 5.18 5.18 5.18 5.18 5.18 5.18 5.18 5.18	5.04 5.04 5.04 5.04 5.04 5.40 6.90 6.90 6.90 6.90 6.90 6.90 6.90 6.9	•		•	;							•		9	9
4.75 4.90 4.90 4.90 4.90 5.04 5.04 5.08 5.18 5.18 5.07 5.07 4.75 4.75 4.75 5.75 5.75 5.61 5.01 5.01 5.01 5.01 5.01 5.01 5.01 5.0	4.75 4.90 4.90 4.75 4.75 4.75 4.75 4.75 4.75 4.75 4.75	-	5.18	٦.			5.33	5.18	5.18	5.18	5.18	•	000 7	00.4	4.30
4.61 4.01 4.75 4.75 4.75 4.75 4.90 4.90 4.90 4.46 4.46 4.46 4.46 4.46 4.46 4.46 4.4	4.61 4.61 4.75		5.04	0		7	5.18	200	2.04	7. 35	7. 75		4- 75	4.61	4.6
4.32 4.46 4.46 4.46 4.46 4.61 4.61 4.61 4.61	7 77 7 77 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	-	4.75			٠,	0.4	6104	44.4	4.46	4-46	1	4.40	4.46	4.3
\$ 4.18 4.18 4.18 4.18 4.32 4.32 4.32 4.32 4.32 4.32 4.32 4.32	2000	*	4.01	9		۰	10.			91.7	4. 18	-	4.18	4.18	4.1
4.03 4.03 4.03 4.03 4.03 4.03 4.03 4.03	5 4.18 4.18 4.18 4		4.32	ς.		•	4.36	4.36			:)			
4.03 4.04 3.04 3.89 3.89 3.89 3.74 3.76 3.89 3.89 3.89 3.74 3.74 3.74 3.74 3.74 3.74 3.74 3.74		0	10.4	0	4.03	0	4.18		0	4.03	4.03	9	4.03	4.03	0.4
3.89 3.64 3.67 3.67 3.60 3.60 3.60 3.60 3.60 3.60 3.46 3.46 3.40 3.50 3.40 3.40 3.40 3.40 3.40 3.40 3.40 3.4	4.03 4.03 4.03	•	200		3.89	8	3.89	-	-	3.74	3.74	-	3.74	3.14	•
3.46 3.46 3.46 3.46 3.46 3.46 3.31 3.31 3.31 3.31 3.31 3.31 3.31 3.3	3.89 3.69 3	•	3.6	9	3.60	9	3.60			3.60	3.60	9	3.46	3.40	0.00
3.46 5.46 5.46 5.46 5.47 3.17 3.17 3.02 3.02 3.02 3.02 3.02 3.02 3.02 3.02	3.14 3.14 3.14	•	3		3,31	~	3.31	•	m	3.31	3.31	۳.	3. 31	3.31	0.0
3.11 3:11 3:11 3:11 3:11 3:11 3:11 3:11	3.46 3.46 3.40		3.17	7	3.02	0	3.02		0	3.02	3.02	9	3.02	3.04	9
2.59 2.59 2.74 2.74 2.74 2.59 2.59 2.59 2.59 2.59 2.59 2.59 2.59	3.11 3.11 3.11	:						1		,		•	2 60		2.5
2.59 2.59 2.74 2.74 2.59 2.59 2.59 2.59 2.59 2.30 2.50 2.50 2.50 2.16 2.16 2.16 2.16 2.16 2.16 2.16 2.16	3 2.88 3.02 3.02	2.8	2.88	2.74	2.74	2.59	2.59	50.20	2.59	2.30		4 ~	2.45		2.16
2.45 2.4000000000000000000000000000000000000	2.59 2.59 2.74	2.5	2.59	2.59	2.59	2.45	Z-30		200	2.16		١ ^	2-16*	******	****
化物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物	******************	***	****	2.45	2.45	2.30**				01.7			*	******	****

90N************************************	**************************************								*****					*******	******	****	****	
82N++	******	*******	******			- 新田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田						****						***
4 N + 2		*****	· · · · · · · · · · · · · · · · · · ·	::	*****	******	******	*******	*****	******	***				*******			
4	****		****			*****	******		*****	****		****	*****		****			
****O^	******	*****	******	*******	*	*******	*******	******	*****	* * * * *	****	***						
** N9	******	*	4.75	4.15	4.75	4.75	4.75	4.75	4.15	4.75	4.15**	***			,			I
52N	4.75	4.75	4.75	4.75	4.30	3.4	06.4	4-30	4.90	4.50	4-75	4.15	4.13	4. ()		,	,	ļ
5 8N	4.90	4.90	4.90	06.4	4.30	3.4	4.90	4.90	06.4	4.90		06.4	0.0	000	4 . (3			7.75
248	4.90	4.90	06.7	4.90	5.04	5.04	2.04	5.04	2.04	5.04	2.04	06.4	4.40	. 40	06.	2		•
					,	2	70	70.	40	40.2	5.04	5.04	5.04	4.90	4.90	4.90	4.90	4.
20N	4.90	06.	06.4	4.90	2.04			200		0.0			40	40	5.04	5.04	5.04	5.0
295	06.4	76.4°	06.4	2.04	2.04	5.18	5.18	91.6	2.18	2010	01.0	01.0		40	40.4		5.04	2
45N	4.75	4.75	7.90	5.04	30.0	5.19	91.6	91.6	91.6	5 23	5 23		31.5	5.18	5.18	5.18	5.18	5
38N	4.75	4.75	06.4	5.04	2.18	5.13	0.33	7.33	7.00	5.23	5.43	5.33	5.33	5.33	5.33	5.33	5.33	5.3
34N	4.61	19.4	4.15	4.40	2.04	2.18	2.33	2.33	2.33	66.6	66.6							
		;	•			4	9	5 33	5. 13	5. 11	5.33	5, 33	5.33	5.33		5.33	5.33	5.4
308	4.61	4.40	19.	4.13		01.0	01.0	20.00		5.33	5. 2.3	5, 33	5, 4, 5,	5.33		5.33	5.47	5.4
26N	4.40	4.46	4.46		4.(7	5	91.0	01.0		2000	91.0	A 1 8	81.8	5.18	. "	5.33	5.33	2
22N	4.32	4.32	4.32		4.15	2		01.0	2010	2.10	9		5.18	5.18	5.18	5.18	5.18	5.3
1 8 N	4.19	4.18	4.18	4.32	10.4			20.0		9	70	30	9	4	! -	5.18	5.18	5
N+1	4.03	4.03	4.18		4.46	4.7	06.	2.04	2.04		2.04	200	01.0	21.5	•			
		,		•	;		,	,	4	00	00 4	40.8	5.04	5.04	5.04	5.04	5.04	5.
NOT	4.18	4.18	4-18	3	4.40	0	06.4	000	000		000	40	5.04	5.04	5.04	5.04	5.04	2
20	4.32	4.32	4.32		19.	4.0	06.4			200	96	40	20.5	20	40. 8	5.04	5.04	2
2 N	4.61	4.75	4.46	19.4	4.15		0.00					9	40	40	10.4	5.04	5.04	5.1
25	4.75	4.30	4.75		2.04	3	1.0	91.0	01.0	2.10	01.0	01.4	4	4		5. 18	5.18	6
59	4.90	5.04	2.04		5.18	5. 33	2.33	2.33	2 - 2		1.33							
	1	1	•			67 9	4	5 47	4	5.62	5.62	5.47	5.33	5. 18	5.33	5.33	5.33	5
105	5.18	2.18	91.6	۱ ۱	0.00		•	.,	70. 4	900	5 76	5.62	5.62	5.47	5.47	5.33	5.33	5
1 45	5.18	5.18	56.6			3	7000	70	2,4	90	5.76	5.62	5.62	5.47	5.47	5.47	5.33	5.3
185	5.33	5.53	10.0			8	•	2000		2 4 4	5.42	5.47	5.47	5.47	5.33	5.33	5.33	5
222	5.33	5.33	5.55		7.33	7.4	•		7000	7007	7		2 3 3	5.33	5.33	5.33	5.18	3
592	5.18	5.18	2.18		7.33	2. 33	•	2.33						1				
200	•	70	4	40. 4		4	81.4	5.18	5.18	5.18	5.18	5.18	5.18	5.04	5.04	5.04	5.04	5.04
300	000	000	90		•	10.4	06.4	5.04	5.04	5.04	5.04	5.04	4.90	4.90	06-4	4.90	06-4	4
385	4.4	19.4	4.75			4.72	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4
425	4.32	4.32	4.46			4.46	4.40	4.45	4.40	4.46	4.40	4.46	4.40	4.46	4.40	4.40	4.40	
465	4.18	4.18	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4. 32	4.32	4.32	4.32	•
	•		•	,		60.7	-	4.03	4.03	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	+
505	4.03	50.5	4.03	000	000	7		7	3.89	3. 89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.
245	3. (5. /4	3 - 14		200	20.0	•	74 5	3.60	3.74	3.74	3.74	3.74	3.74	3.74	3. 74	3.74	ď
585	3.46	3.40	3 . 6		00.0	9 .		7. 4	3.31	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.4
929	3.31	3.31	3.31	•	10.0	10.0	•			2 00	3 02	3.02	3.02	3.02	3.02	3,17	3-17	3
999	3.05	3.02	3.02	3.	3.32	3.02	•	30.0	30.0	30.0	30.0	,						
302	0 5 6	2 60	2.54	2.54	•	2.54	.5	2.59	2.59	2.59	2.59	2.59	2.59	2.74	2.88	2.88	2.88	3.0
27.6	2 1 4		71.6			2.15	2.10	2.16	2.16	2.16	2.30	2.30	2.45	2.45	2.59	2.59	2.74	2.
200	01.7	21.7	******	****	******	*******	: *	*******	*******	********	******	****	2.16	2.30	2.30	2.45	2.59	2.
2						*****	*******	******	*******	********	*****	*****	******	*****	2.16	2.30	2.30	***
852																		+++

TABLE 5-4 (JJA) LGNGMAVE RADIATION (100 LY/DAY)

BIBLIOGRAPHY

- Brooks, C. E. P., "The Mean Cloudiness Over the Earth," Mem. Roy. Meteor. Soc., 1, No. 10, 127-139, 1927.
- Clapp, Ph. F., "Global Cloud Cover for Seasons using TIROS Nephanlysis." Mon. Wea. Rev., 92, 495-507, 1964.
- Environmental Technical Applications Center, Northern Hemisphere Cloud Cover, Project #6168, Department of the Air Force, Washington, D. C., 1971.
- Landsberg, H., "Climatology." *Handbook of Meteorology* (F. A. Berry, E. Bollay and N. R. Beers, Eds.), New York, M:Graw-Hill, pp. 927-997, 1945.
- Murray, F. W. (ed.), "Relation between Geographical Coordinates and GWC Grid Coordinates", Scientific Service Technical Note No. 1, Headquarters 3rd Weather Wing, Offutt Air Force Base, Omaha, Nebraska, February 1962.
- Sadler, J. C., Average Cloudiness in the Tropics from Satellite Observations. Honolulu, East-West Center Press, 22 pp. 1969.
- Schutz, C., and W. L. Gates, Global Climatic Data for Surface, 800mb, 400mb: January, The Rand Corporation, R-915-ARPA, November, 1971.
- Schutz, C., and W. L. Gates, Supplemental Global Climatic Data: January, The Rand Corporation, R-915/1-ARPA, May 1972(a).
- Schutz, C., and W. L. Gates, Global Climatic Data for Surface, 800mb. 400mb: July, The Rand Corporation, R-1029-ARPA, November 1972(b).
- Schutz, C., and W. L. Gates, Supplemental Global Climatic Data: January, The Rand Corporation, R-915/2-ARPA, December 1973(a) in preparation.
- Schutz, C., and W. L. Gates, Global Climatic Data for Surface, 800mb, 400mb: April, The Rand Corporation, R-1317-ARPA, December 1973(b).
- Schutz, C., and W. L. Gates, Global Climatic Data for Surface, 800mb, 400mb: October, The Rand Corporation, R-1425-ARPA, 1974, in preparation.
- Van Loon, H., J. J. Taljaard, T. Sasamori, J. London, D. V. Hoyt, Karin Labitzke, C. W. Newton, "Meteorology of the Southern Hemisphere," *Meteorological Monographs*, Vol. 13, No. 35, American Meteorological Society, November 1972.

- Vonder Haar, T. H., "Natural Variation of the Radiation Budget of the Earth-Atmosphere System as Measured from Satellites," Proceedings of the Conference on Atmospheric Radiation, Fort Collins, Colorado, August 7-9, 1972. To appear in Journal of Applied Meteorology, 1973.
- Vowinckel, E., and H. van Loon, "Das Klima des Antarktischen Ozeans: III Die Verteilung der Klimaelemente und ihr Zusammenhang mit der allgemeinen Zirkulation," Arch. Meteor. Geophys. Bioklim., B8, 75-102, 1957.
- Washington, W. M., and L. G. Thiel, Digitized Global Monthly Mean Ocean Surface Temperatures, NCAR-TN-54 National Center for Atmospheric Research, Boulder, Colorado, 1970.